

**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554**

In the Matter of	)	
	)	
Revision of the Commission's Rules	)	CC Docket No. 94-102
To Ensure Compatibility with	)	
Enhanced 911 Emergency Calling Systems	)	
_____	)	

**SPRINT PCS FIRST QUARTERLY E911  
IMPLEMENTATION REPORT**

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## **SUMMARY**

Sprint PCS is pleased to report that as of February 1, 2002, it has met the conditions imposed by the October 12, 2001 E911 Waiver Order. At this time, Sprint PCS has no reason to believe that it will be unable to meet the additional requirements imposed by the Order, although its continued efforts will be dependent upon vendors making timely upgrades to necessary equipment, among other issues. One potential future jeopardy area involves the sale of GPS-equipped handsets. The state of the economy and changing customer demand for handsets may effect the Company's ability to move existing inventory to make room for the newer GPS models.

Sprint PCS continues to be a leader in E911 deployment efforts, being the first carrier to launch a handset-based Phase II location system that serves the state of Rhode Island, and being the first and only wireless carrier to begin selling GPS handsets by October 1, 2001. The Company's E911 Phase I and Phase II deployment efforts are continuing.

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**SPRINT PCS FIRST QUARTERLY  
PHASE II IMPLEMENTATION REPORT**

Sprint Spectrum L.P., d/b/a Sprint PCS ("Sprint PCS"), submits its first Phase II Implementation Quarterly Report in compliance with the Commission's October 12, 2001 Sprint PCS *Waiver Order*.<sup>1</sup>

**I. INTRODUCTION**

Sprint PCS is pleased to advise the Commission of several milestone achievements in Phase II deployment during the fourth quarter of 2001. First, it has sold over 120,000 GPS-capable handsets. Second and most importantly, Sprint PCS launched throughout the State of Rhode Island the nation's first operational Phase II E911 system using the assisted GPS solution. These are major developments. Sprint PCS can report that it has moved beyond the research and development/testing phase, and into commercial deployment of Phase II services. Sprint PCS remains committed to providing Phase II service in accordance with the benchmarks established by the Commission.

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<sup>1</sup> See *Revision of the Commission's Rules to Ensure Compatibility with Enhanced 911 Emergency Calling Systems, Request for Waiver by Sprint Spectrum L.P. d/b/a Sprint PCS*, CC Docket No. 94-102, FCC 01-297, 16 FCC Rcd 18330 (Oct. 12, 2001) ("Sprint PCS Waiver Order").

To be sure, much additional testing and software upgrade work remains, but within the next few months, Sprint PCS' primary focus on E911 Phase II will move to installation and deployment of operational systems. If PSAPs and their E911 networks are ready as they claim, several hundred PSAPs — including in the States of Connecticut, New Jersey and Tennessee and such cities as Dallas, Houston, Los Angeles, Miami, San Francisco and Seattle — will have operational Phase II systems before the end of the year.

These Phase II developments, and Sprint PCS' experiences, to date, also illuminate remaining significant hurdles associated with E911 deployment. The Rhode Island deployment required significant dedicated attention by numerous departments. Despite the planning and preparation that went into the launch, it required repeated testing and system upgrades. Sprint PCS will be able to build on the lessons it learned from Rhode Island, but PSAPs often have unique characteristics that will require modifications to PSAP and carrier networks, and thus each deployment will likely offer its own challenges. All parties must recognize this challenge.

Sprint PCS is also proud to report that it is providing Phase I E911 service to over 1100 PSAPs and plans to deploy Phase I to another estimated 850 PSAPs by June of 2002. Thus, by June 2002, Sprint PCS will be providing Phase I service to approximately 2000 PSAPs. Additionally, Sprint PCS has received Phase I requests from jurisdictional authorities representing 164 PSAPs that are in the implementation process.

Phase II discussions in Washington, D.C. have often focused on negative aspects of wireless E911 deployment. However, this focus overlooks the truly remarkable strides that the wireless industry has made in a relatively short period of time, as evidenced by the progress made in developing accurate and feasible location technologies, and in beginning deployment efforts.

It should be noted that when the Commission imposed the Phase II mandate in 1996, the technology needed to meet the requirements *did not exist*. The Commission has acknowledged its October 2001 “target” deployment date was “aggressive” and based on a “prediction” that ALI technologies “would be generally available.”<sup>2</sup> Indeed, it was because of “technical challenges” faced by “new digital systems, such as TDMA and CDMA” that the Commission recognized at the outset the need to include a waiver procedure within the implementation plan.<sup>3</sup> The fact that the nation’s first operational Phase II system was activated in 63 months rather than 60 months is still noteworthy – given that the 60 month deadline was based on an assumption of technology development and commercial availability, and given that this system uses a technology not even mentioned in the 1996 order.

Sprint PCS has invested literally thousands of man-hours and tens of millions of dollars in developing and installing a compliant E911 Phase II technology, to date. For example, Sprint PCS has already provisioned the network infrastructure components that make location information possible. The major components of this infrastructure are the Mobile Positioning Center (“MPC”) and the Position Determining Equipment (“PDE”).

Moreover, Sprint PCS has a dedicated organization with responsibility for coordinating and implementing E911 with PSAPs across the country. In support of this organization, Sprint PCS has retained a vendor, Intrado, to provide administrative, engineering and database support. In addition, engineers at the national, regional and local levels provide technical support, network design, network installation and testing for E911 deployment. The subscriber equipment

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<sup>2</sup> See, e.g., *First E911 Order*, 11 FCC Rcd 18676 (1996); *First E911 Reconsideration Order*, 12 FCC Rcd 22665, 22722 ¶ 117 (1997); *Sprint PCS Waiver Order*, 16 FCC Rcd 18330 at ¶ 6 (Oct. 12, 2001).

<sup>3</sup> See, e.g., *First E911 Order*, 11 FCC Rcd at 18711 ¶ 69; *First E911 Reconsideration Order*, 12 FCC Rcd at 22724 ¶ 122.

business unit devotes substantial time working with vendors to develop GPS handsets that are both marketable and affordable to meet the compliance and activation requirements established by the FCC.

Despite this commitment of resources by Sprint PCS, it is inundated with requests for E911 services and keeping up with these requests is a significant undertaking. As noted, every implementation is a custom-built solution for the particular PSAP and requires substantial interaction and coordination efforts. By way of further discussion, each Sprint PCS E911 implementation involves the following steps:

- A kick-off meeting is held with the PSAP, Sprint PCS, Intrado and usually the LEC to determine the particular requirements associated with the PSAP. During this meeting, the parties attempt to establish timelines for the exchange of the necessary information.
- Sprint PCS and Intrado develop cell sector/call routing information that identifies each cell site and determines the appropriate PSAP that should receive the 911 call.
- Sprint PCS provides the PSAP with a coverage map superimposed upon the PSAP boundary map and a spreadsheet with the cell sector and call routing information. The PSAP must confirm this information.
- After the PSAP has confirmed the cell sector and call routing, trunks must be ordered from the LEC. These trunk orders and installations require coordination among the PSAP, Sprint PCS and the LEC.
- If the PSAP does not have connectivity to the national ALI database network, this connectivity must be established. The installation of this connectivity requires coordination among the PSAP, Intrado and Sprint PCS.
- Sprint PCS must install translations in its switches to ensure that the 911 calls are being routed over the appropriate trunks to the appropriate PSAP.
- Once the trunks have been installed, each individual cell sector must be tested to ensure that the correct PSAP is receiving the call. This testing requires that engineers drive to the cell site location and make test calls from a variety of handsets. The test calls must be coordinated with the PSAP, Intrado, the 911 implementation department, the translations department and the operations engineers that actually place the

test calls. Invariably, issues arise during the test calls that require routing or translations changes.

Sprint PCS is proud of what it has accomplished to date in the area of E911 deployment. These accomplishments required cooperation among necessary parties. Successful E911 deployment efforts will require further cooperative efforts.

## **II. CURRENT STATUS OF PHASE I AND II REQUESTS**

The *Waiver Order* specified that this Sprint PCS report “must include information on all pending Phase I and Phase II requests.”<sup>4</sup> Sprint PCS provides this information below.

### **A. Phase I Status**

SPCS has worked cooperatively with PSAPs across the country to deploy Phase I (cell site/sector location) E911 services. It has accommodated Phase I requests regardless of PSAP technology choices and has utilized CAS, NCAS and Hybrid CAS/NCAS (*i.e.*, LEC) solutions.

As of January 23, 2002, Sprint PCS is providing Phase I E911 in 1174 PSAP jurisdictions. A list of the deployed Phase I systems is attached as Appendix A.

There are 1166 PSAPs in the implementation process. This number represents PSAPs that have made a Phase I request and serve geographic areas covered by Sprint PCS. Of these pending Phase I requests, 164 have been pending for less than six months, and Appendix B lists these PSAPs. Appendix C lists the 1002 PSAPs that have been in the implementation process for more than six months. The reasons that Phase I was not implemented within six months varies by PSAP, but the parties involved are working cooperatively to resolve them. An important component of E911 implementation is open communication with the PSAPs and Sprint PCS has attempted to keep PSAPs informed of its efforts and status. To Sprint PCS’ knowledge, there are

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<sup>4</sup> *Sprint PCS Waiver Order* at ¶ 28.



no pending complaints against the company where the installation process was not completed within six months. The Received Date listed in Appendix C indicates the date that Sprint PCS first received the PSAP request, even if the PSAP did not at that time meet the prerequisites of Rule 20.18. The company's objective is to deploy Phase I with as many PSAPs as possible. The Company has not segregated those requests that meet the prerequisites contained in 47 C.F.R. § 20.18, but has attempted to move forward on all requests. At the Commission's request, Sprint PCS will provide additional information with respect to specific deployment and PSAP circumstances presented in each case.

In analyzing the deployment of Phase I services, Sprint PCS has attempted to categorize the reasons for delays into primary "root causes." The "Primary Issues which Created Delay" column in Appendix C identifies these causes of delay. As reflected by the anticipated start dates, many of the root causes have been resolved and the implementation process for these requests is moving forward. The delay root causes generally fall into the following categories:

- PSAP Approval of Call Routing/PSAP Boundary Issues/MSAG Issues. Many of the pending PSAP requests fall into the primary root cause of "PSAP approval of call routing." This is the most important step in the Phase I implementation process. Sprint PCS must receive concurrence from the PSAP of the geographic area that the PSAP will serve. Sprint PCS provides each PSAP with a coverage map, including cell and sector coverage. Additionally, Sprint PCS provides each PSAP with a spreadsheet that identifies cell and sector information. Before E911 service can be implemented, however, the PSAP must verify which cell sectors it will serve. All PSAPs in a given geographic area must agree on the appropriate cell and sector from which each will accept calls. This is often a politically impacted decision by the PSAPs in identifying and concurring in cell site coverage and jurisdiction boundary issues. Additionally, the PSAP must provide the proper Master Street Address Guide ("MSAG") street address for the cell site. The time within which these routing decisions and boundary clarifications are made is beyond Sprint PCS' control. Sprint PCS proactively contacts the PSAP if the PSAP does not provide the approval within a reasonable amount of time.
- Lucent NCAS Capability. Some of the PSAPs have sought an NCAS solution in Lucent markets. The previous Lucent ECP-16 software did not support Phase I NCAS solutions. While that software load supports the CAS and Hybrid CAS/ NCAS solu-

tions, many PSAPs cannot support these solutions due to constraints in their E911 networks. The NCAS environment requires cell site level translations control of SS7 signaling for 911 routing, and ECP-16 software supports only switch level translations control. Cell site level control is required since all PSAPs served by a single switch may not want or have Phase I or may want Phase I provided by a solution other than NCAS. Sprint PCS has worked with its vendor to obtain software upgrades to allow it to support these requests and is currently implementing the required changes. The first application of this new software was successfully rolled out and Phase I service for the City of Tucson, Arizona was implemented on January 25, 2002. The required switch software upgrade is now being installed in other Lucent markets and Sprint PCS will be working with each of the impacted PSAPs to schedule Phase I implementation in the markets served by Lucent switches as quickly as possible.

- Stand-alone ALI Databases. Some of the PSAPs are served by ALI databases known as stand-alone ALI systems ("SALI"). These SALI databases are not connected to a national ALI network infrastructure, and are thus incapable of receiving information dynamically. A PSAP that has been utilizing a SALI must initiate ALI connectivity provisioning which creates additional coordination, planning, provisioning, cost identification and cost recovery activities that generally do not fit within a definable timeline. These additional activities are generally within the control of the PSAP.
- Requests Put On Hold. Implementation of some PSAPs is on hold because the PSAP is not ready to move forward. In some cases, the PSAP issued its request before it had developed the necessary plan for Phase I implementation or was simply not ready for Phase I. Sprint PCS has chosen to keep these files active in order to be in position to support the PSAPs when it decides to move forward or has taken the necessary steps to implement Phase I.
- Statewide Deployment/Coordinated PSAP Requests. A majority of the pending PSAP requests are associated with requests involving more than one PSAP. Two-thirds of these requests (508) are associated with three statewide programs involving Connecticut, New Jersey and Tennessee. The activities required to verify cell site coverage, jurisdictional boundaries, establish PSAP call routing decisions and implement specific deployment plans are significantly more time consuming when the request covers more than one PSAP. These activities often require coordination and planning among the state agency, the PSAPs, Sprint PCS, its vendor, Intrado and the LEC. The timing of these activities and the required decisions is generally beyond Sprint PCS' control.
- PSAP Contract Requirements. Some PSAP installations were delayed because of PSAP insistence on a negotiated contract. Since the Commission revised the cost recovery requirement, Sprint PCS has ordinarily implemented Phase I requests without requiring any contractual agreement. Some PSAPs, however, have insisted that contracts are necessary before implementation can begin. In these cases, Sprint PCS

could not move forward with required implementation activities until a contractual agreement acceptable to both parties was completed. This type of activity does not fit into a predefined timeline.

- Administrative Delays. In some cases, the PSAP request was not forwarded to the correct department within Sprint PCS for processing. Additionally, Sprint PCS and its vendor have at times misplaced paperwork necessary to provide the cell site spreadsheets to the PSAP. Sprint PCS has implemented formal procedures to ensure that requests are promptly processed and has developed timelines to better ensure that the implementation process is not delayed.
- LEC Trunk Order Delays. Once the call routing has been confirmed, the 911 trunks must be provisioned. The ordering process requires coordination among the PSAP, Sprint PCS and the LEC. In some circumstances, the trunk orders are not promptly processed or difficulties arise in the provisioning of the trunks. In other instances, the PSAP requires that the wireless carrier meet certain criteria before the trunk order is placed.
- LEC Issues. In some cases, the LEC did not have enough capacity in its selective router to install the 911 trunking from the wireless carrier. This required that the LEC upgrade its system to accommodate the trunking requirements. In other cases, the existing 911 network did not support SS7 signalling so that Sprint PCS was required to install different trunks. Additionally, Sprint PCS has at times experienced delays in obtaining the necessary pseudo-ANIs from the LEC so that they could be used for routing and ALI query purposes.

Sprint PCS and its primary Phase I vendor, Indrado, have worked diligently to move the Phase I implementation process forward. More aggressive project management tools have been implemented and controls initiated and tightened to more effectively identify and address issues that could negatively impact Sprint PCS' ability to meet the PSAPs' requirements for Phase I services. Jointly with PSAPs, we have identified and addressed issues in a manner that exemplifies the good faith efforts that all involved parties must display to successfully deploy Phase I E911 services.

## **B. Phase II Status**

Sprint PCS plans to deploy Phase II in accordance with Appendix D and the required benchmarks. As more fully explained below, Sprint PCS is currently selling GPS handsets and it

has installed the necessary location calculating and routing system. Sprint PCS is in the process of upgrading its network transmission capabilities. Appendix D lists the expected dates that the Sprint PCS switches will be upgraded to provide Phase II capability.

Sprint PCS has received, through January 23, 2002, 166 Phase II requests from jurisdictional authorities representing 944 PSAPs. Sprint PCS has not attempted to segregate these requests as to whether they are valid or not under the *Richardson Order*. Sprint PCS has previously commented that if a PSAP has not made the necessary upgrades to its system, it will not be able to receive true calculated location information.<sup>5</sup> However, because Sprint PCS is using a handset-based system and has already invested in the location infrastructure, it is Sprint PCS' current plan to implement Phase II in accordance with the provided schedule.

Sprint PCS has made significant investments in both personnel and financial resources to deploy Phase II. Three major components are necessary in order for Sprint PCS to produce the location information: 1) Data Collection; 2) Location Calculation and Routing; and 3) Network Transmission.

#### **1. Data Collection:**

Aided GPS collects data from available satellite signals as well as information regarding the power received from surrounding base stations and other messaging data inherent in a CDMA network. To collect this data, the wireless handset must be modified to look for this information, including the addition of a receiver to hear satellite signals, and a modified chipset to process the data.

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<sup>5</sup> See *Revision of the Commission's Rules to Ensure Compatibility with Enhanced 911 Emergency Calling Systems, Sprint PCS Reply Comments in Support of its Petition for Reconsideration and Clarification*, CC Docket No. 94-102, (Jan. 28, 2002).

As discussed in more detail below, Sprint PCS has acquired and sold GPS handsets and is currently meeting the benchmark established in the Waiver Order.

## **2. Location Calculation and Routing:**

As previously advised, Sprint PCS has installed the necessary network platforms to process location information. Upon receiving a 911 call, the switch will contact one of two redundant national platforms, which determine how the call will be routed and which will perform the actual calculation of the X and Y coordinates. The national platforms consist of two pieces of equipment.

- a. **Mobile Positioning Center (MPC)**. The MPC will be the primary interface between Sprint PCS' network and the E911 networks. It identifies the type of handset placing the call, determines the PSAP that should receive the call, and assigns the ESRK/pseudo-ANI used in routing.
- b. **Positioning Determining Equipment (PDE)**. The PDE is the calculator. It receives the information collected from the handset and network *via* the MPC, performs the necessary calculation, and computes the latitude and longitude.

To confirm, Sprint PCS has purchased and installed the MPC equipment and the PDE software needed for assisted GPS location services. These national platforms are operational and are currently supporting the Rhode Island Phase II deployment.

## **3. Network Transmission (Lucent/Nortel):**

Once the handset collects the available data, the information must be passed through the network to the MPC. The network software that operates both the base stations and the switches must be modified to transfer these large amounts of data and respond to subsequent directions. Sprint PCS currently relies upon two primary switch and base station manufacturers, Nortel and Lucent.

At the time of the October 12, 2001 *Waiver Order*, Sprint PCS had submitted a then-current implementation schedule for its Lucent markets, but not for its Nortel markets. Nortel

market information was not included because Sprint PCS had just begun Lab testing Nortel's Phase II software, and it was simply too early to prepare even a tentative schedule. In accordance with the *Waiver Order*, Sprint PCS "must provide a PSAP-specific conversion schedule which describes how it will prioritize PSAP requests and deploy Phase II service for its Nortel markets."<sup>6</sup> Appendix D contains Sprint PCS' current conversion schedule for both Lucent and Nortel markets. Sprint PCS has submitted one combined schedule because its E911 implementation process is part of a comprehensive deployment effort that involves both Lucent and Nortel markets simultaneously.

**a. Lucent markets**

The anticipated dates for the conversion of certain Lucent markets that Sprint PCS included with its July 30, 2001 report have slipped. Sprint PCS advised the Commission in its September 20, 2001 report that Lucent had announced a delay its delivery of its Phase II software and that this vendor delivery delay would require Sprint PCS to slip its earlier published schedule by two months.<sup>7</sup> The delay did, in fact, occur. Additionally, the Rhode Island First Market Application ("FMA") was delayed because of the delay of the software and related testing. In turn, installation of software changes in other Lucent markets was delayed until the FMA was successfully deployed. However, and importantly, Sprint PCS still anticipates completing installing Phase II software in all Lucent switches within the May 30, 2002 deadline established in the *Waiver Order*.

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<sup>6</sup> *Sprint PCS Waiver Order* at p.10 ¶ 28.

<sup>7</sup> See Sprint PCS Second Supplemental Report, at 4 (Sept. 20, 2001).

**b. Nortel markets**

Nortel had delivered to Sprint PCS its Phase II software for lab testing shortly before Sprint PCS submitted its September 20, 2001 Supplemental Report. At the time, Sprint PCS had hoped that it could commence its FMA in January 2002. Sprint PCS discovered numerous issues with this software and the software is still being tested in the Sprint PCS laboratory. Additionally, Sprint PCS needs two different software releases from Nortel, one for Nortel switches in markets using Nortel base stations, and the other for Nortel switches in markets where Sprint PCS uses base stations manufactured by another vendor. (The latter markets are indicated in Appendix D as "Nortel-IOS".)

Sprint PCS currently has a FMA scheduled to begin on March 25, 2002 in St. Clair County, Illinois, a Nortel market. This FMA start date may slip several weeks depending on when Sprint PCS receives certain software upgrades from Nortel and whether those software upgrades are successfully tested. Sprint PCS expects delivery of the newest software upgrade within a week. If the FMA slips, then later Nortel market start dates will likely slip accordingly.

At this time, however, Sprint PCS still anticipates upgrading all Nortel switches with the Nortel Phase II software within the August 1, 2002 deadline established in the *Waiver Order*. But as the experience with Lucent demonstrates, current anticipated upgrade schedules can slip if there are additional vendor delays.

**III. CURRENT HANDSET SALES**

The *Waiver Order* specified that this Sprint PCS report "must also include information on current handset models being activated or sold that are GPS-capable and important events affecting location-capable handset penetration levels, such as introduction of new handset models."<sup>8</sup>

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<sup>8</sup> *Sprint PCS Waiver Order* at p.10 ¶ 28.

Sprint PCS was the first wireless carrier to begin selling GPS-based handsets when it launched the Samsung N300 on October 1, 2001. Between October 1 and December 31, 2001, it sold in excess of 120,000 of these GPS-enabled handsets. Sprint PCS anticipates introducing a second GPS-compatible handset in the near future, and it further expects to introduce several additional models about the time it activates its nationwide 3G network later this year.

The next handset deadline Sprint PCS faces is July 31, 2002, when the *Waiver Order* specifies that 25% of all new handsets sold must be GPS capable. At this time, it is difficult to predict whether Sprint PCS will meet this benchmark, because it may have only two GPS-compatible handsets in the market in July and it will be customers who will decide whether to purchase these handsets or other, non-GPS-capable handsets (which will determine whether Sprint PCS will be capable of meeting the 25% threshold).

Several points bear emphasis concerning handset sales. First, Sprint PCS still anticipates that, by the end of the year, it will be purchasing only handsets that include GPS functionality. Thus, the time will soon come when customers will have no choice but to purchase GPS-capable handsets. Second, although the economy has slowed considerably, Sprint PCS remains hopeful that its launch of its 3G network will entice millions of customers to upgrade their existing handset to a 3G handset – and one that will also include GPS functionality.

Additionally, individuals that purchase GPS handsets will likely not be able to utilize handset location capabilities in the near term. In fact, for very good reasons, Sprint PCS does not want customers to think that 911 location services are generally available or that the purchase of the handset means that they can be located at this time. Sprint PCS does not market the GPS capability because it does not want to create unrealistic customer expectations or misreliance.



#### IV. SPRINT PCS HAS COMPLIED WITH ALL OUTSTANDING BENCHMARKS

The *Waiver Order* specified that this Sprint PCS report “must also contain statements regarding whether Sprint PCS has met each deployment benchmark and, if not, the reasons for its failure to comply.”<sup>9</sup>

Sprint PCS has met the only benchmark passed to date, the requirement that it begin selling GPS handsets by October 1, 2001. As noted above, Sprint PCS has sold in excess of 120,000 such handsets through the end of last year. Sprint PCS’ ability to meet the next two handset benchmarks — 25% (July 30, 2002) and 100% (December 31, 2002) of new handset sales — will depend on the date that handset vendors release new models and the state of the economy. Sprint PCS continues efforts to meet these aggressive deadlines, however.

The *Waiver Order* directed Sprint PCS to provide a statement regarding the accuracy milestone. The rules provide that handset-based location solutions must provide the location of wireless 911 calls with an accuracy of 50 meters for 67 percent of calls and 150 meters for 95 percent of calls.<sup>10</sup> Sprint PCS is meeting the Commission’s accuracy requirements in its Rhode Island deployment.

Sprint PCS continues to expect to meet the benchmark dates for network conversion — namely, conversion of all Lucent market switching software by May 30, 2002, and conversion of all Nortel market software by August 1, 2002. Although there have been unexpected delays by both switch vendors, these delays have not yet threatened the ability to meet the Commission’s deadlines.

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<sup>9</sup> *Sprint PCS Waiver Order* at p.10 ¶ 28.

<sup>10</sup> 47 C.F.R. § 20.18(h)(2).

## **V. AFFIDAVIT REQUIREMENT**

The *Waiver Order* specifies that Sprint PCS “must support each Quarterly Report with an affidavit, from an officer or director of Sprint, attesting to the trust and accuracy of the report.”<sup>11</sup> Appendix E is the conforming Declaration of Dennis G. Huber, Senior Vice President – Operations, Sprint PCS.

## **VI. LIKELIHOOD OF FAILURE**

The *Waiver Order* specifies that “to the extent Sprint anticipates that it will fail to satisfy any one of the conditions, it must advise the Commission of the problem,”<sup>12</sup> At this time, Sprint PCS is scheduled to meet the benchmark requirements. However, as this and earlier implementation reports have documented, Sprint PCS’ ability to meet specified regulatory mandates will also depend on the actions, or inaction, of third parties.

## **VII. LESSONS FROM THE RHODE ISLAND INSTALLATION**

On May 7, 2001, the State of Rhode Island submitted a request to convert all PSAPs in the state to Phase II service. Rhode Island is a sophisticated PSAP, and it committed to provide necessary resources (personnel and dollars) towards the project. The State was also attractive because it operates its own ALI database and, thus Phase II services could be implemented with fewer involved parties. Rhode Island happens to be served by Lucent switch, so Sprint PCS agreed to use the State as the location for its First Market Application. Sprint PCS used patch software that Lucent specifically developed at Sprint PCS’ request.

Rhode Island initially sought to implement a CAS Phase II solution, and the parties’ goal was to activate service in late July 2001. Sprint PCS questioned whether CAS was technically

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<sup>11</sup> *Sprint PCS Waiver Order* at p.11 ¶ 28.

<sup>12</sup> *Sprint PCS Waiver Order* at p.11 ¶ 28.

feasible, because of the time likely needed to calculate the caller's location. The PSAP eventually decided to implement NCAS for financial reasons (*e.g.*, it was cheaper to upgrade the ALI database than to upgrade the selective router). Sprint PCS began internal testing in mid-August, while the PSAP began modifying its ALI database software. Vendor delays and unanticipated complications pushed back the start date for joint testing. Joint testing finally began in November 2001, and the installation and testing was complete on December 21, 2001. The State has been using the system with "live" traffic since that date.

Rhode Island chose to implement a "E2 interface" that includes refresh and confidence factor capabilities. Subsequent events confirmed this to be a critical decision. Experience in the Rhode Island system has shown that it generally takes from eight to 20 seconds to calculate the caller's location. Refresh capability is important because the caller's location is rarely available when the PSAP first initiates its first query. In the vast majority of cases, the PSAP does not receive the caller's location information until the second query. (The parties have agreed that the PSAP will not launch its second query until approximately 15 seconds after the first query.)

The confidence factor is important so the PSAP knows that the latitude/longitude information appearing on the call taker's screen is the caller's true calculated location or a default location (identifying the center of the serving cell sector). The confidence factor is especially important with the receipt of the first query, since in most instances the data that appears to be the caller's location is not the calculated location. However, the confidence factor is also important in subsequent queries, because receipt of the default location in response to the second query generally indicates to the call taker whether the caller has a GPS or legacy (non-GPS) handset.

The project revealed that the most time-consuming task of the installation was identifying all the network elements that included timing and other parameters and thereafter, adjusting these

parameters within each network element so it would continue to work properly in conjunction with all other network elements (*e.g.*, a change in the CPE could require a change in Sprint PCS' Mobile Positioning Center or in Intrado's equipment). It was also necessary to ensure that the caller and location data is provided in the correct format and field so that the final information is correctly displayed on the PSAP's CPE. Given this experience, Sprint PCS recommends that PSAPs interested in facilitating the activation of Phase II include in their request details about their CPE and ALI database and what information they have regarding current timing and other parameters.

Rhode Island was also an example of a PSAP that did not have connectivity with the national ALI networks. Without this connectivity, dynamic updates with the location information to the ALI are not possible. Each PSAP should analyze its current network connectivity to ensure that it has access to the national ALI networks.

Despite these challenges and delays, the Phase II system is now operational in Rhode Island. Sprint PCS wishes to commend the Rhode Island PSAP and its software vendors for the commitment and dedication they gave to this project.

### VIII. CONCLUSION

As outlined above, Sprint PCS has complied with the requirements imposed by the *Waiver Order* and, through this report, provides the Commission with updated information concerning its E911 deployment efforts.

Respectfully submitted,

**SPRINT SPECTRUM L.P., d/b/a Sprint PCS**

A handwritten signature in black ink, appearing to read 'L. Lancetti', with a long horizontal flourish extending to the right.

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February 1, 2002

# Deployed Phase I Requests

Appendix A

State	PSAP / Authority Request	PSAPs	Launched Date
AL	Walker County 911 Jasper	1	06/02/00
AL	Shelby County 911	3	07/27/00
AL	Blount County 911	1	08/03/00
AL	Fairfield FD	1	08/08/00
AL	Vestavia Hills FD	1	08/08/00
AL	Gardendale Fire and Rescue	1	08/17/00
AL	Pleasant Grove PD	1	08/17/00
AL	City of Hueytown PD	1	08/25/00
AL	City of Mountain Brook PD	1	08/25/00
AL	City of Tarrant	1	08/25/00
AL	Homewood Fire & Rescue Service	1	08/25/00
AL	Hoover County	1	08/25/00
AL	Irondale	1	08/25/00
AL	Midfield PD	1	08/25/00
AL	Leeds County	1	09/12/00
AL	Birmingham PD	1	09/15/00
AL	Jefferson County	1	09/19/00
AL	Bessemer FD	1	02/20/01
AL	Autauga County	1	07/09/01
AL	City of Montgomery	1	07/09/01
AL	Elmore County	4	07/09/01
AL	Lowndes County E- 911	1	07/09/01
AL	Chilton County	1	07/10/01

# Deployed Phase I Requests

Appendix A

AL	Talladega County	5	07/10/01
AL	Tallapoosa County	3	07/10/01
AL	City of Fort Payne	1	07/11/01
AL	Cleberne County	1	07/11/01
AL	DeKalb County	1	07/11/01
AL	Etowah County	2	07/11/01
AL	Franklin County	3	07/16/01
AL	Limestone County	1	07/16/01
AL	Russell County 911	1	07/24/01
AL	Cullman County	4	08/01/01
AL	Dallas County	2	08/08/01
AL	Mobile County	1	08/22/01
AL	Calhoun County	1	08/24/01
AL	Colbert County	1	08/24/01
AL	Tuscaloosa County	3	09/20/01
AL	Lee County	3	09/24/01
AL	Baldwin County	1	09/27/01
AL	Hale County & Marengo County	2	10/31/01
AL	Lauderdale County	1	11/09/01
AL	Pickens County	1	12/11/01
AL	Dothan / Houston County E- 911 District	2	01/22/02
AR	City of Jacksonville - 911 Coordinator	1	09/15/00
AR	City of Little Rock Emergency Services	1	09/15/00
AR	City of North Little Rock Emer. Services	1	09/15/00

# Deployed Phase I Requests

Appendix A

AR	Maumelle DPS	1	09/15/00
AR	Pulaski County Office of the Sheriff	1	09/15/00
AR	Sherwood PD	1	09/15/00
AR	Washington County Emergency Services (Springdale, CEMS, Fayetteville)	3	03/19/01
AR	Benton County (Cen Com, Rodgers PD, Bentonville PD)	3	05/31/01
AR	Crittenden County Detention Facility	1	08/24/01
AR	Lonoke County Emergency 911	1	11/29/01
AR	Crawford County 911 Advisory	1	12/03/01
AR	Saline County (City of Benton, Saline County Central)	2	12/13/01
AR	Faulkner County	1	12/18/01
AR	Pope County Emergency Comm.	1	01/08/02
CO	Weld County 911 Emergency	1	03/30/00
CO	El Paso – Teller County 911	2	03/31/00
CO	Larimer Emergency (LETA)	5	04/26/00
CO	Adams County Comm. Center	1	04/27/00
CO	Arapahoe County E- 911 Emergency	7	05/12/00
CO	Jefferson County Colorado E- 911 Board	1	05/12/00
CO	Boulder Regional Emergency Authority	3	05/19/00
CO	Clear Creek County	1	05/19/00
CO	Douglas County Emer. Tele. Svc. Authority	7	05/19/00
CO	Gilpin County E- 911 Authority Board	1	05/19/00
CO	Summit County Communication Center	1	05/19/00
CO	City of Denver Department of Safety	1	05/30/00
CO	Eagle County ETSA	1	09/26/00



# Deployed Phase I Requests

Appendix A

FL	Flagler County Board of Comm.	1	01/25/01
FL	Palm Beach County 911	22	05/21/01
FL	Orange County 911	1	05/24/01
FL	Miami – Dade County 911	10	07/27/01
FL	Manatee County	1	08/21/01
FL	Pasco County	3	08/21/01
FL	Hamilton County Sheriff's Office	1	08/22/01
FL	Collier County	1	08/23/01
FL	Hendry County E- 911	1	08/23/01
FL	Pinellas County Emergency Comm.	1	08/23/01
FL	Nassau County Sheriff's Office	1	09/06/01
FL	Escambia County Dept. of Public Safety	1	09/14/01
FL	Santa Rosa County E- 911	1	09/20/01
FL	Alachua County	1	09/26/01
FL	Polk County 911 Operation	1	09/26/01
FL	Charlotte County Sheriff	1	09/27/01
FL	Sarasota County Government	1	09/27/01
FL	Highland County Board of Comm.	1	10/03/01
FL	Hillsborough County 911	1	10/04/01
FL	Duval County	1	10/11/01
FL	Glades County	1	10/11/01
FL	Marion County Board of Comm.	1	10/17/01
FL	Monroe County Board of Comm.	4	10/17/01
FL	Levy County E- 911 Database Mgmt.	1	10/19/01

# Deployed Phase I Requests

Appendix A

FL	Hernando County Sheriff	1	11/02/01
FL	Indian River County	1	11/06/01
FL	Sumpter County 911	1	11/07/01
FL	Volusia County	5	11/16/01
FL	Leon County Sheriff	1	11/20/01
FL	Columbia County 911 Emerg. Services	1	11/30/01
FL	Seminole County Emergency Comm.	1	12/05/01
FL	St. Johns County Sheriff's Office	2	12/05/01
FL	Jackson County Emergency Management	1	12/07/01
FL	Citrus County Sheriff's Office	1	01/03/02
GA	Coweta County	1	08/06/99
GA	Cherokee County 911	1	12/14/99
GA	Doughtery County	1	02/29/00
GA	Worth County Board of Comm.	1	02/29/00
GA	Catoosa County Sheriff's Office	1	04/28/00
GA	Houston County Comm.	1	05/02/00
GA	Banks County E- 911	1	06/07/00
GA	Hall County Emergency Management	1	06/07/00
GA	Jackson County E-911 Comm.	1	06/07/00
GA	Cobb County Public Safety	1	08/10/00
GA	Griffin - Spalding County	1	11/03/00
GA	Paulding County 911	1	11/03/00
GA	Athens – Clarke County	1	11/29/00
GA	City of Conyers PD	1	01/04/01

# Deployed Phase I Requests

Appendix A

GA	Rockdale County 911	1	01/04/01
GA	City of Chamblee PD (DeKalb County)	1	01/15/01
GA	Morgan County Comm.	1	01/15/01
GA	Gwinnett County Police	1	02/01/01
GA	Columbus PD ( Muscogee Co.)	1	05/01/01
GA	Fulton County Emergency Comm. Dept.	1	05/25/01
GA	Lamar County Board of Comm.	1	08/21/01
GA	Clay County-City of Morrow Emerg. Comm.	1	09/24/01
GA	Greene County Board of Comm.	1	10/02/01
GA	Henry County Emergency. Comm.	1	10/09/01
GA	Clayton County Comm. Department	1	11/20/01
GA	Oconee County 911	1	01/15/02
GA	City of Riverdale (Clayton Co.)	1	01/22/02
IA	Bremer	1	01/22/01
IA	Dallas County Sheriff's Office	1	06/26/01
IA	De Moines Police Department	1	06/29/01
IA	Polk County Sheriff's Office	1	06/29/01
IA	Warren County Communications	1	07/06/01
IA	Ankey Police Department	1	07/09/01
IA	Madison County Sheriff's Office	1	07/20/01
IA	Story County Sheriff's Office	1	09/18/01
IA	Johnson County Sheriff's Office	1	09/25/01
IA	Cass County Public Safety Comm. Center	1	09/27/01
IA	Guthrie County	1	10/03/01

# Deployed Phase I Requests

Appendix A

IA	Iowa County Sheriff's Office	1	10/04/01
IA	WestCom / West Des Moines PD	1	10/04/01
IA	Adair County Sheriff's Office	1	10/05/01
IA	Jasper County Sheriff's Office	1	10/05/01
IA	Poweshick County Sheriff's Office	1	10/05/01
IA	Burlington Police Department	1	10/06/01
IA	Dubuque County	1	10/08/01
IA	Ames Police Department	1	10/10/01
IA	Linn County Area 9-1-1	1	10/17/01
IA	Pottawattamie Co. Law Enforcement	1	10/17/01
IA	Davenport Police Department	1	10/30/01
IA	Clinton County	1	11/15/01
IA	Scott County	1	11/15/01
IA	Maquoketa Police Department	1	11/27/01
IA	Cedar County	1	11/28/01
IA	Jones County	1	11/29/01
IA	Manchester Police Department	1	11/29/01
IA	Linn County	1	12/03/01
IA	Benton County	1	12/05/01
IA	Buchanan County	1	12/05/01
IA	Louisa County	1	12/06/01
IA	Muscatine County	1	12/06/01
IA	Bettendorf PD	1	12/11/01
IA	Henry County Emergency. Comm.	1	12/11/01

# Deployed Phase I Requests

Appendix A

IA	Washington	1	12/13/01
IA	Iowa State	2	01/10/02
IA	Marion Police Department	1	01/17/02
IA	Blackhawk PD	1	01/22/02
IL	St. Clair County Emergency Board	12	06/02/00
IL	Clinton County	2	09/29/00
IL	Village of Barrington Hills (includes S. Barrington) Kane, McHenry, Cook, Lake Counties	2	11/17/00
IL	Bedford Park (Cook County)	1	08/15/01
IL	Waukegan (Lake County)	1	08/16/01
IL	Orland Park (Cook - Will Counties)	2	08/21/01
IL	Winnebago County (includes Loves Park)	2	08/28/01
IL	Village of Fox Lake PD (Lake County)	1	09/17/01
IL	McHenry County	6	09/18/01
IL	Kane County Sheriff	9	09/20/01
IL	Kendall County (KENCOM)	1	09/20/01
IL	Will County	9	09/27/01
IL	Village of Western Springs (Cook County)	2	10/19/01
IL	Bond County E- 911	1	10/31/01
IL	Peoria County	1	11/01/01
IL	Lake County E- 911	7	11/07/01
IL	Village of River Grove (Cook County)	1	11/13/01
IL	Aurora	1	11/29/01
IL	City of Elgin	1	11/29/01
IL	Montgomery	1	11/29/01

# Deployed Phase I Requests

Appendix A

IL	Quad Com	1	11/29/01
IL	Tri-Com	1	11/29/01
IL	Village of Midlothian (Cook County)	1	11/29/01
IL	Village of S. Elgin	1	11/29/01
IL	Barrington PD & FD - Iverness PD & FD (Cook-Lake Counties)	2	11/30/01
IL	CenCom E- 911 (Cook County)	7	11/30/01
IL	DuPage County (Sheriff)	21	11/30/01
IL	Cook County (Unincorporated)	128	12/14/01
IL	City of Chicago Heights (Cook County)	3	12/17/01
IL	NW Central 911	8	12/18/01
IL	Sangamon County Emerg. Tele. System	58	12/21/01
IL	Bond County	1	12/28/01
IL	Kankakee County	4	12/28/01
IL	Village of Wilmette PD (Cook County)	1	01/08/02
IL	Lansing PD (Cook County)	1	01/24/02
IN	Hendricks County Sheriffs Department	4	10/26/99
IN	Hamilton County Sheriffs Department	3	10/27/99
IN	Johnson County Sheriffs Department	5	10/28/99
IN	Clark County Public Safety	2	05/05/00
IN	Floyd County Sheriffs Department	1	05/05/00
IN	Lake County Sheriffs Department	18	06/13/00
IN	Metropolitan Emergency Comm.	5	07/07/00
IN	Clinton County	1	08/01/00
IN	Delaware County	1	08/20/01

# Deployed Phase I Requests

Appendix A

IN	Montgomery County	1	08/20/01
IN	Morgan County	1	08/20/01
IN	Steuben County Public Safety	4	12/04/01
IN	Putnam County	1	12/07/01
IN	Dearborn County	1	12/11/01
IN	Starke County Sheriff's Department	1	01/08/02
IN	LaGrange County	1	01/10/02
IN	Marshall County	1	01/10/02
IN	Noble County	1	01/10/02
IN	Tippencanoe County	1	01/10/02
IN	Kosciusko County	1	01/15/02
IN	Whitley county E- 911	1	01/15/02
IN	Adams County	1	01/18/02
IN	Fulton County	1	01/18/02
IN	Ohio County	1	01/22/02
IN	Allen County Sheriff	1	01/24/02
IN	DeKalb County	1	01/24/02
IN	LaPorte Co. 911 Regional Dispatch Ctr.	1	01/24/02
KY	Campbell County	1	01/17/02
KY	Grant County Public Safety Comm. Center	1	01/17/02
KY	Oldham County Central Dispatch	1	01/17/02
LA	St. Charles Parish	1	03/20/01
LA	Gretna PD (Jefferson Parish)	1	08/28/01
LA	Jefferson Parish	1	08/28/01

# Deployed Phase I Requests

Appendix A

LA	Kenner PD (Jefferson Parish)	1	08/28/01
LA	Bogalusa PD (Washington Parish)	1	08/30/01
LA	Plaquemines Parish Comm. District	1	08/30/01
LA	Washington Parish Comm. District	1	08/30/01
LA	Bienville Parish Comm. District	1	09/04/01
LA	Webster Parish Comm. District	1	09/04/01
LA	Calcasieu Parish Comm. District	1	09/19/01
LA	Covington PD (St. Tammany Parish)	1	09/25/01
LA	Mandeville PD (St. Tammany Parish)	1	09/25/01
LA	Slidell PD (St. Tammany Parish)	1	09/25/01
LA	St. Tammany Parish Comm. District	1	09/25/01
LA	LaFourche Parish Comm. District	1	10/02/01
LA	St. Mary Parish Comm. District	1	10/02/01
LA	St. John the Baptist Parish	1	10/18/01
LA	Lincoln Parish Comm. District	1	11/07/01
LA	Terrebonne Parish Comm. District	1	11/07/01
LA	Jefferson Davis Parish Comm. District	1	11/20/01
LA	Assumption Parish Comm. District	1	12/11/01
LA	Vernon Parish Comm. District	1	01/07/02
LA	Iberville Parish	1	01/09/02
LA	Orleans Parish Comm. District	1	01/10/02
LA	St. Martin Parish 911 Comm.	1	01/22/02
MN	Metropolitan 911 Board	27	12/10/01
MS	Pearl River County Sheriff's Office	1	03/27/01



## Deployed Phase I Requests

Appendix A

MS	Picayune PD (Pearl River)	1	03/27/01
MS	Desoto County Sheriff's Office	1	04/18/01
MS	Hernando PD (Desoto County)	1	04/18/01
MS	Olive Branch PD (Desoto County)	1	04/18/01
MS	Southhaven PD (Desoto County)	1	04/18/01
MS	Tunica County 911	1	05/04/01
MS	City of Clinton PD (Hinds County)	1	08/15/01
MS	City of Jackson PD (Hinds County)	1	08/15/01
MS	Hinds County Sheriff's Department	1	08/15/01
MS	Forrest Co. Emergency Mgmt. District	1	08/16/01
MS	Grenada EOC	1	08/16/01
MS	LeFlore Sheriff's Department	1	08/16/01
MS	Lamar County	2	08/17/01
MS	Montgomery County Emergency Operations Center	1	01/22/02
NC	Iredell County 911	1	08/14/00
NC	Rowan County Department of Comm.	1	08/14/00
NC	Cabarrus County Sheriff	1	08/16/00
NC	Randolph County Emergency Services	1	03/29/01
NC	County of Harnett	1	04/04/01
NC	Dunn PD	1	04/04/01
NC	Town of Cary (Wake County)	1	04/25/01
NC	Wake County (Raleigh)	1	05/04/01
NC	Davie County 911	1	05/10/01
NC	Charlotte - Mecklenburg PD	1	07/30/01

## Deployed Phase I Requests

Appendix A

NC	Burke County E- 911	1	08/14/01
NC	Cumberland Co. Emerg. Comm. Center	1	08/16/01
NC	Fayetteville Fire / Emergency Mgmt.	1	08/16/01
NC	City of Greensboro	1	08/17/01
NC	City of High Point	1	08/17/01
NC	Guilford County	1	08/17/01
NC	County of Lincoln	1	08/21/01
NC	Davidson County Emergency Comm.	1	08/23/01
NC	Buncombe County EMA	1	08/29/01
NC	Stokes County	1	09/20/01
NC	Hoke County Emergency Comm.	1	09/27/01
NC	Forsyth County 911	2	09/28/01
NC	Orange County Emergency Management	1	09/28/01
NC	Rockingham County Emergency Services	1	09/28/01
NC	Scotland County Emergency Services	1	09/28/01
NC	University of North Carolina at Chapel Hill	1	09/28/01
NC	911 Center of Chatham County	1	09/29/01
NC	Eden PD	1	10/01/01
NC	Granville County Emergency Comm.	1	10/19/01
NC	Richmond County Emergency Operations	1	10/30/01
NC	Onslow County Emergency Services	3	11/29/01
NC	Davie County 911	1	12/14/01
NC	Franklin County Sheriff's Department	1	12/18/01
NC	Beaufort County Sheriff's Office	1	12/20/01

# Deployed Phase I Requests

Appendix A

NC	Cleveland County	1	12/20/01
NC	Nash County Emergency Services	1	12/20/01
NC	Stanly County	1	12/27/01
NC	Johnston County 911	1	12/28/01
NC	Alamance Co. Emergency Comm. Center	1	01/07/02
NC	Wilson County Emergency Comm. Center	1	01/14/02
NE	Sarpy Co. Emerg. Management & Comm.	1	12/11/01
NE	Douglas County	1	12/12/01
NY	Erie County	25	11/15/01
NY	Cattaraugus County Sheriff	1	12/03/01
OH	Amberley Village	1	01/18/02
PA	Erie County	11	12/12/01
RI	State of Rhode Island	39	06/28/00
SC	Spartanburg County Comm.	2	07/24/01
SC	Chester County 911	1	09/07/01
SC	York County 911	1	11/01/01
SC	Kershaw County E- 911	1	11/13/01
SC	Greenville County E- 911	7	11/16/01
SC	Dillon County E- 911	1	11/30/01
SC	Dorchester County Emergency Services	2	11/30/01
SC	Lexington Co. Dept. of Public Safety	3	12/20/01
SC	Pickens County E- 911	2	12/28/01
TX	DENCO Area 911 District	12	05/01/00
TX	Brazos Valley Council of Governments	7	09/15/00

## Deployed Phase I Requests

Appendix A

TX	Alamo Area Council of Governments	21	11/28/00
TX	Central Texas Council of Governments	7	12/04/00
TX	Potter-Randall Co. Emerg. Comm. District	6	12/04/00
TX	Coastal Bend Council of Governments	14	12/07/00
TX	Greater Harris County	30	12/08/00
TX	Houston - Galveston Area Council	30	12/08/00
TX	Golden Crescent Regional Planning Comm	1	12/11/00
TX	Panhandle Regional Planning Comm.	7	12/18/00
TX	Lubbock Emergency Comm. District	5	12/19/00
TX	South Plains Association of Government	8	12/19/00
TX	Nortex 911 Communications District	1	01/03/01
TX	West Central Texas Council of Gvmt	6	01/05/01
TX	Emergency Comm. District of Ector Co.	1	01/09/01
TX	Richardson	4	01/18/01
TX	Abilene / Taylor County 911 District	2	01/22/01
TX	Lower Rio Grande Valley Development	22	01/22/01
TX	NORTEX Regional Planning Commission	8	01/26/01
TX	Heart of Texas Council of Governments	11	01/30/01
TX	Middle Rio Grande Development Council	1	02/02/01
TX	TEXOMA Council of Governments	4	02/06/01
TX	Montgomery Co. Emerg. Comm. District	5	02/08/01
TX	Midland County 911 District	1	02/13/01
TX	Concho Valley Council	1	02/19/01
TX	South Texas Development Council	3	02/22/01

# Deployed Phase I Requests

Appendix A

TX	Austin County Emergency Comm. District	1	03/02/01
TX	McLennan Co. Emerg. Assistance District	1	03/23/01
TX	Capital Area Planning Council 911	23	03/29/01
TX	Bexar Metropolitan	20	05/25/01
TX	S.W. Regional Comm. Center	1	07/12/01
TX	North Central Texas (COG)	57	07/24/01
TX	City of Plano	1	08/28/01
TX	Galveston Co. Emergency Comm. District	1	11/13/01
VA	York County	1	03/17/00
VA	Hampton Police	1	03/22/00
VA	City of Newport News	1	03/23/00
VA	Norfolk County	1	03/24/00
VA	Portsmouth Police	1	03/30/00
VA	Suffolk County	1	04/06/00
VA	Henrico County	1	06/29/00
VA	Chesterfield County	1	06/30/00
VA	Powhatan Co. Office of Emerg. Services	1	07/06/00
VA	City of Richmond	1	07/07/00
VA	Virginia Beach Public Safety	1	09/06/00
VA	City of Chesapeake	1	09/08/00
VA	Pittsylvania	1	06/14/01
VA	Hanover Co. Emerg. Comm. Department	1	09/18/01
VA	City of Williamsburg PD	1	12/14/01
VA	James City County Emergency Comm.	1	12/14/01

# Phase I Requests Pending Less Than 6 Months

Appendix B

State	PSAP / Authority Request	PSAPs	Received Date	Status
AL	Macon County E9-1-1 Board	3	10/15/01	Active
AL	Marshall County	1	01/18/02	Active
AR	Columbia County	1	11/16/01	Active
AR	Conway County	1	10/18/01	Active
AR	Dallas County	1	09/24/01	Active
AR	St. Francis County	1	01/02/02	Active
CA	City & County of San Francisco - Emergency Communications Dept.	1	07/30/01	Active
CO	Durango/La Plata Emergency Comm. Ctr.	1	08/02/01	Active
DE	State of Delaware Dept. of Public Safety	1	10/18/01	Active
FL	Lee County Division of Public Safety	1	10/19/01	Active
FL	Wakulla County	1	01/14/02	Active
IL	Berkeley PD (Cook County)	1	07/20/01	Active
IL	City of Chicago (Cook County)	13	08/01/01	Active
IL	City of Peru ETSB - LaSalle Co.	1	12/06/01	Active
IL	Clark County E9-1-1	3	12/06/01	Active
IL	DeWitt County	1	09/14/01	Active
IL	Jefferson Co. Emerg. Tele. System Board	1	07/30/01	Active
IL	Lake Forest Police Dept.	1	10/05/01	Active
IL	Livingston County ETSB / LIV COM	1	07/27/01	Active
IL	Massac County	1	10/03/01	Active
IL	Monroe County	1	07/27/01	Active
IL	Morgan County E9-1-1	2	11/20/01	Active
IL	Stephenson County	1	11/27/01	Active

# Phase I Requests Pending Less Than 6 Months

Appendix B

State	PSAP / Authority Request	PSAPs	Received Date	Status
IL	Union County Emerg. Tele. System Board	1	08/11/01	Active
IL	Village of Elmwood Park PD	1	08/23/01	Active
IL	Village of Forest Park	1	11/13/01	Active
IL	Village of Libertyville	1	08/13/01	Active
IL	Village of Maywood (Cook Co.)	1	10/04/01	Active
IL	WesCom	1	07/18/01	Active
IN	Hancock County	1	12/05/01	Active
IN	Monroe County	1	09/06/01	Active
IN	Tipton County	1	10/29/01	Active
IN	Wabash County	1	11/16/00	Active
KS	Ft. Leavenworth Provost Marshall	1	11/16/01	Active
KS	Johnson County Sheriffs Department	1	11/16/01	Active
KS	Leavenworth County Sheriff's Office	1	11/16/01	Active
KS	Leavenworth Police Department	1	11/16/01	Active
KS	Leawood Police Department	1	11/16/01	Active
KS	Lee's Summit Police Department	1	11/16/01	Active
KS	Lenexa Police Department	1	11/16/01	Active
KS	Olathe Police Department	1	11/16/01	Active
KS	Overland Park Police Department	1	11/16/01	Active
KS	Prairie Village Police Department	1	11/16/01	Active
KS	Riley County Emergency Mgmt.	1	10/12/01	Active
KS	Sedgwick County Dept. of Emerg. Comm.	1	08/02/01	Active
KS	Shawnee Police Department	1	11/16/01	Active

# Phase I Requests Pending Less Than 6 Months

Appendix B

State	PSAP / Authority Request	PSAPs	Received Date	Status
KS	Unified Government of Wyandotte Co.	1	11/16/01	Active
KY	City of Owensboro	1	07/30/01	Active
KY	Daviess County Sheriff's Dept.	1	07/30/01	Active
KY	Hardin County E 9-1-1 Center	1	08/20/01	Active
KY	Versailles PD / Woodford County	1	09/13/01	Active
LA	St. Bernard Parish	1	08/02/01	Active
MA	The Commonwealth of MA - Statewide Emergency Telecommunications Board	1	10/02/01	Active
MI	Calhoun County (Albion Dept. of Public Safety)	1	11/28/01	Active
MI	City of Marshall	1	11/14/01	Active
MO	Belton Police Department	1	11/16/01	Active
MO	Blue Springs Police Department	1	11/16/01	Active
MO	Cass County Sheriff's Office	1	11/16/01	Active
MO	Christian County E9-1-1	1	12/07/01	Active
MO	Clay County Sheriff's Office	1	11/16/01	Active
MO	Gladstone Public Safety	1	11/16/01	Active
MO	Grandview Police Department	1	11/16/01	Active
MO	Harrisonville Police Department	1	11/16/01	Active
MO	Independence Police Department	1	11/16/01	Active
MO	Jackson County Sheriff's Department	1	11/16/01	Active
MO	Kansas City MO Police Department	1	11/16/01	Active
MO	Lawrence County	1	01/11/02	Active
MO	Liberty Police Department	1	11/16/01	Active
MO	Macon County E-911	1	07/27/01	Active



# Phase I Requests Pending Less Than 6 Months

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State	PSAP / Authority Request	PSAPs	Received Date	Status
MO	Macon County E-911	1	07/27/01	Active
MO	North Kansas City Police	1	11/16/01	Active
MO	Platte County Sheriff's Office	1	11/16/01	Active
MO	Pleasant Hill Police Department	1	11/16/01	Active
MO	Pleasant Valley Police Department	1	11/16/01	Active
MO	Ray County 9-1-1	1	11/16/01	Active
MO	Raymore Police Department	1	11/16/01	Active
MO	Raytown Police Department	1	11/16/01	Active
MO	Riverside Department of Public Safety	1	11/16/01	Active
MO	Shelby County	1	09/14/01	Active
MO	Sugar Creek Police Department	1	11/16/01	Active
MO	Warren Co. Emergency	1	07/25/01	Active
MS	Stone County Emergency Comm. Center	1	08/16/01	Active
NC	Camden County	1	12/27/01	Active
NC	Catawba County	1	11/20/01	Active
NC	Edgecombe County	1	09/18/01	Active
NC	Moore County	1	12/18/01	Active
NC	Pasquotank County	1	12/27/01	Active
NC	Reidsville	1	12/10/01	Active
NC	Robeson County	1	12/21/01	Active
NC	Sanford Police Department - LEE CO.	1	11/21/01	Active
NC	Surry County Communications	1	12/14/01	Active
NH	State of New Hampshire	1	08/20/01	Active

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State	PSAP / Authority Request	PSAPs	Received Date	Status
NY	City of New York PD	1	09/04/01	Active
NY	Office of Sheriff - County of Ontario	1	10/02/01	Active
NY	Schenectady County	1	12/03/01	Active
NY	Sheriff of Livingston County	1	10/02/01	Active
OH	City of Cincinnati	5	09/04/01	Active
OH	Delaware County Emergency Services	1	07/27/01	Active
OH	Hocking County 9-1-1	1	01/07/02	Active
OH	Miami County Communication Center	1	11/08/01	Active
SC	Horry County 9-1-1 Communications	1	09/06/01	Active
SD	Minnehaha Metro Communications	1	12/07/01	Active
TX	Ark-Tex Council of Government	3	07/02/01	Active
TX	Dallas County Communications	1	01/03/02	Active
TX	East Texas Council of Government	3	07/24/01	Active
TX	Henderson County	1	09/05/01	Active
VA	City of Hopewell	1	08/02/01	Active
VA	City of Petersburg	1	10/16/01	Active
VA	County of Charles City	1	10/23/01	Active
VA	County of Dinwiddie	1	10/23/01	Active
VA	County of Gloucester	1	10/10/01	Active
VA	County of New Kent Sheriff's Dept.	1	09/26/01	Active
VA	County of Southampton	1	11/27/01	Active
VA	County of Surry	1	11/27/01	Active
VA	Emporia PD	1	09/26/01	Active

**Phase I Requests Pending Less Than 6 Months**

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<b>State</b>	<b>PSAP / Authority Request</b>	<b>PSAPs</b>	<b>Received Date</b>	<b>Status</b>
VA	Isle of Wight County	1	10/02/01	Active
VA	Louisa County - Piedmont Valley	1	12/19/01	Active
VA	Stafford County Sheriff's Office	1	08/02/01	Active
VA	Warren County Sheriff's Department	1	11/27/01	Active
VT	State of Vermont Enhanced 9-1-1	1	09/24/01	Active
WA	Adams County Sheriff's Department	1	10/29/01	Active
WA	Clallam County Sheriff's Department	1	10/06/01	Active
WA	King County	17	08/30/01	Active

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State	PSAP / Authority Request	PSAPs	Received Date	Anticipated Start Date	Primary Issues which Created Delay
AL	Coffee County (Elva PD)	2	02/07/01	02/18/02	SALI
AL	Enterprise PD	1	02/08/01	02/18/02	SALI
AL	Henry County	2	01/26/01	02/18/02	SALI
AL	Ozark - Dale County	2	01/28/01	02/18/02	SALI
AL	St. Clair County	1	01/29/01	HOLD	PSAP not Phase I ready - PSAP upgrading equipment
AL	Butler County	2	01/22/01	TBD	SALI - no proposed date for PSAP connectivity
AR	Mississippi County E 911	2	04/03/01	01/31/02	PSAP approval of call routing - administrative delays
AR	Garland County	1	04/16/01	02/12/02	Administrative delays
AR	Hot Springs County	1	01/24/01	02/12/02	Administrative delays
AR	Jefferson County 911 (MECA)	1	04/17/01	02/12/02	Administrative delays
AR	Clark County 911	1	04/02/01	02/12/02	PSAP approval of call routing - LEC trunk order delays
AR	Sebastian County	2	06/23/01	02/28/02	PSAP approval of call routing - administrative delays - trunk order delay
AZ	City of Tucson Comm. Division Tucson	4	06/06/00	01/24/02	Lucent NCAS - <b>COMPLETED 1/24/02</b>
CA	Los Angeles County (CA Highway Patrol)	1	03/30/01	02/28/02	Lucent NCAS - Working with State on proof of concept
CO	Mesa County	1	05/01/01	03/01/02	Lucent NCAS
CO	Aspen - Pitkin County Comm. Center	1	01/29/01	03/15/02	Lucent NCAS

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CO	Elbert County ETSA	1	01/20/01	03/16/02	Lucent NCAS
CO	Grand Junction Regional Comm. Ctr. Mesa County	1	01/21/01	03/17/02	Lucent NCAS - Network switch change out - required trunking rearrangement
CT	State of Connecticut / Department of Public Safety	108	06/04/01	02/20/02	PSAP approval of call routing - statewide deployment - development of deployment plan
FL	Madison County Emerg. Medical Services	1	03/09/01	02/04/02	PSAP approval of call routing - LEC issues
FL	Okaloosa County Board of County Comm.	1	06/24/01	02/20/02	PSAP approval of call routing - LEC issues
FL	Broward County	1	01/23/01	03/24/02	PSAP approval of call routing
FL	Bay County Board of Comm.	1	03/16/01	04/01/02	PSAP approval of call routing
FL	Brevard County 911	1	04/27/00	04/01/02	PSAP approval of call routing - Mapping issues with PSAP
FL	Taylor County Sheriff	1	03/26/01	HOLD	PSAP not ready
GA	Floyd County	1	02/22/01	02/10/02	PSAP contract requirements - PSAP approval of call routing
GA	Lowndes County 911	1	02/25/00	02/10/02	PSAP contract requirements - PSAP approval of call routing
GA	Lumpkin County Emergency Services	1	06/01/01	HOLD	PSAP not ready
ID	Ada County Sheriff	1	06/01/01	03/01/02	Lucent NCAS
IL	SW Central 911 System (Cook County)	14	09/10/00	01/29/02	PSAP approval of call routing - Boundary issues
IL	Rock Island County	5	11/30/00	01/29/02	PSAP approval of call routing - PSAP filed invalid ESNs MSAG ledger
IL	City of Naperville PD	1	05/11/01	02/05/02	PSAP approval of call routing
IL	Village of Norridge PD (Cook County)	8	01/08/01	02/05/02	PSAP approval of call routing

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IL	Bolingbrook PD (Will - DuPage Counties)	1	12/06/00	02/07/02	PSAP approval of call routing
IL	Village of Hazel Crest (Cook County)	8	12/02/00	02/07/02	PSAP approval of call routing - LEC capacity issue
IL	Northbrook PD (Cook County)	1	03/26/01	02/15/02	PSAP approval of call routing - LEC capacity issue
IL	Ottawa PD	1	03/17/01	02/15/02	PSAP approval of call routing - LEC capacity issue
IL	Town of Cicero (Cook County)	1	01/29/01	02/15/02	PSAP approval of call routing - LEC capacity issue
IL	Village of Glencoe Department of Public Safety (Cook Co)	1	04/07/01	02/15/02	PSAP approval of call routing - LEC capacity issue
IL	Village of Schiller Park (Cook County) & Franklin Park	2	10/22/00	02/15/02	PSAP approval of call routing - LEC capacity issue
IL	Village of Tinley Park (Cook - Will Co.)	1	12/06/00	02/15/02	PSAP approval of call routing - LEC capacity issue
IL	Village of Morton Grove PD (Cook Co.)	1	01/14/01	02/15/02	PSAP approval of call routing - LEC capacity issue
IL	Whiteside County	1	12/02/00	02/22/02	PSAP approval of call routing - LEC capacity issue
IL	Village of Lynwood & Thornton (Cook Co.)	2	12/02/00	03/01/02	Cell data verifying coverage - PSAP approval of call routing
IL	Alsip PD (Cook County)	1	11/27/00	03/01/02	PSAP approval of call routing
IL	Country Club Hills PD (Cook County)	1	12/04/00	03/01/02	PSAP approval of call routing
IL	Des Plaines - Park Ridge Emergency Comm. (Cook County)	1	10/28/00	03/01/02	PSAP approval of call routing
IL	Glenwood PD (Cook County)	1	12/06/00	03/01/02	PSAP approval of call routing
IL	Kenilworth PD (Cook County)	1	04/03/01	03/01/02	PSAP approval of call routing
IL	Park Forest (Cook - Will Counties)	1	12/06/00	03/01/02	PSAP approval of call routing

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IL	Rolling Meadows PD (Cook County)	1	11/01/00	03/01/02	PSAP approval of call routing
IL	Rosemont (Cook County)	1	09/01/00	03/01/02	PSAP approval of call routing
IL	South Holland PD (Cook County)	1	12/06/00	03/01/02	PSAP approval of call routing
IL	Village of Flossmoor (Cook County)	1	12/02/00	03/01/02	PSAP approval of call routing
IL	Village of Glenview (Cook County)	1	12/18/00	03/01/02	PSAP approval of call routing
IL	Village of Homewood PD (Cook County)	7	11/21/00	03/01/02	PSAP approval of call routing
IL	Village of LaGrange PD (Cook County)	1	11/06/00	03/01/02	PSAP approval of call routing
IL	Village of Skokie (Cook County)	1	06/01/01	03/01/02	PSAP approval of call routing
IL	Village of Wheeling PD (Cook - Lake Counties)	1	10/03/00	03/01/02	PSAP approval of call routing
IL	Village of Riverdale (Cook County)	1	10/21/00	03/01/02	PSAP approval of call routing
IL	City of Highland Park (Lake County)	1	03/09/01	03/01/02	PSAP approval of call routing - Boundary issues
IL	Oak Lawn PD (Cook County)	4	12/02/00	03/01/02	PSAP approval of call routing - Boundary issues
IL	Broadview Emergency (Cook County)	1	11/15/00	03/01/02	PSAP approval of call routing - LEC capacity issue
IL	City of Countryside PD (Cook County)	1	03/24/01	03/01/02	PSAP approval of call routing - LEC capacity issue
IL	Evanston PD (Cook County)	1	11/30/00	03/01/02	PSAP approval of call routing - LEC capacity issue
IL	Village of Bellwood ETSB (Cook County)	1	03/29/01	03/01/02	PSAP approval of call routing - LEC capacity issue
IL	Village of McCook (Cook County)	1	01/16/01	03/01/02	PSAP approval of call routing - LEC capacity issue

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IL	Village of Niles (Cook)	1	04/28/01	03/01/02	PSAP approval of call routing - LEC capacity issue
IL	Village of Northfield ETSB (Cook County)	1	12/06/00	03/01/02	PSAP approval of call routing - LEC capacity issue
IL	Village of Schaumburg (Cook-Dupage Co.)	1	07/03/00	03/01/02	PSAP approval of call routing - LEC capacity issue
IL	Village of Vernon Hills PD	4	06/11/01	03/01/02	PSAP approval of call routing - LEC capacity issue
IL	Village of Willow Springs (Cook-DuPage Co.)	2	02/12/01	03/01/02	PSAP approval of call routing - LEC capacity issue
IL	Village of Winnetka PD (Cook Co)	1	04/07/01	03/01/02	PSAP approval of call routing - LEC capacity issue
IL	Westchester PD (Cook County)	1	12/18/00	03/01/02	PSAP approval of call routing - LEC capacity issue
IL	Winthrop Harbor 9-1-1	1	05/04/01	03/01/02	PSAP approval of call routing - LEC capacity issue
IL	Deerfield PD (Lake - Cook County)	1	03/15/01	03/01/02	PSAP approval of call routing - PSAP boundaries, provided same ESN as 4 other PSAPs
IL	Village of Lake Bluff (Lake County)	1	05/13/01	03/01/02	PSAP approval of call routing - PSAP boundary issue, provided same ESN as 4 other PSAPs
IL	Village of Olympia Fields (Cook Co)	1	04/13/01	03/01/02	PSAP approval of call routing - PSAP combined with Matteson PD - new wireless boundaries
IL	Village of Evergreen Park PD (Cook Co.)	1	11/13/00	03/01/02	PSAP approval of call routing - Secondary PSAP - Taking calls for Oak Lawn / Boundary issues
IL	City of Chicago (Cook County)	13	08/01/01	03/15/02	PSAP approval of call routing
IL	Indian Head Park PD (Cook County)	1	03/24/01	03/28/02	PSAP approval of call routing - Boundary issues
IL	City of Hickory Hills PD (Cook County)	1	11/06/00	04/01/02	PSAP approval of call routing - LEC capacity issue
IL	City of Zion PD (Lake County)	1	02/22/01	04/01/02	PSAP approval of call routing - LEC capacity issue
IL	Lincolnshire PD (Lake County)	1	03/24/01	04/01/02	PSAP approval of call routing - LEC capacity issue



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IL	Lincolnwood PD (Cook County)	1	11/06/00	04/01/02	PSAP approval of call routing - LEC capacity issue
IL	Marion County	2	04/24/00	04/01/02	PSAP approval of call routing - LEC capacity issue
IL	Village of Gurnee PD (Lake County)	1	10/03/00	04/01/02	PSAP approval of call routing - LEC capacity issue
IL	Village of Mundelein (Lake County)	1	11/13/00	04/01/02	PSAP approval of call routing - LEC capacity issue
IL	Bureau County	2	07/07/00	TBD	SALI
IL	Cumberland County E- 911	4	01/09/01	TBD	SALI
IL	DeKalb Co. 911 Emerg. Telephone System	5	10/14/00	TBD	SALI
IL	East Peoria PD / Tazwell County	4	09/01/00	TBD	SALI
IL	EastCom (Will County)	1	10/02/00	TBD	SALI
IL	Madison County Sheriff	16	04/17/01	TBD	SALI
IL	Marshall County	1	04/16/01	TBD	SALI
IL	Ogle County	1	12/17/00	TBD	SALI
IL	Piatt County	1	09/01/00	TBD	SALI
IL	Pontiac (Livingston County) - Liv-Com	1	09/01/00	TBD	SALI
IL	Sheriff and City of Effingham PD	2	12/16/00	TBD	SALI
IL	Streator Emer. Tele. System Board	1	10/08/00	TBD	SALI
IL	Williamson County	1	06/04/01	TBD	SALI

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IL	Boone County E- 911	1	06/01/01	TBD	SALI - no proposed date for PSAP connectivity
IL	Galesburg / Knox county	5	11/16/00	TBD	SALI - no proposed date for PSAP connectivity
IL	Henry County	1	09/01/00	TBD	SALI - no proposed date for PSAP connectivity
IL	Lee County ETSB	1	10/28/00	TBD	SALI - no proposed date for PSAP connectivity
IN	City of Bluffton	1	11/09/00	02/05/02	SALI
IN	Grant County Sheriff's Office	1	01/15/01	02/08/02	Administrative delays
IN	Cass County	1	12/01/00	02/10/02	SALI
IN	Huntington County	1	01/15/01	02/14/02	Administrative delays
IN	Howard County	1	11/16/00	02/14/02	Network switch change out - required trunking rearrangement
IN	Saint Joseph County Police	1	03/01/01	02/15/02	Network switch change out - required trunking rearrangement
IN	Elkart Public Safety Comm. Center	1	01/15/01	02/15/02	SALI
IN	Miami County	1	09/30/00	02/19/02	SALI
IN	Wells County	1	01/22/01	02/21/02	SALI
IN	Decatur County	1	01/24/01	02/28/02	SALI
IN	Porter County E- 911	1	06/17/01	03/21/02	PSAP approval of call routing
IN	Madison County Sheriff	1	04/14/01	04/01/02	PSAP approval of call routing
IN	Vigo County E- 911	1	05/17/01	04/11/02	Lucent NCAS

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IN	Lawrence County Sheriff	1	04/21/01	04/16/02	Lucent NCAS
IN	Rush County Sheriff's Office	1	05/30/01	04/22/02	Lucent NCAS
IN	Crawford County Central Dispatch / 911	1	04/06/01	05/01/02	Lucent NCAS
IN	Gibson County	1	02/19/01	05/01/02	Lucent NCAS
IN	Scott County	1	02/12/01	05/16/02	Lucent NCAS
IN	Warrick County	1	01/04/01	05/23/02	Lucent NCAS
KY	Erlanger PD	1	07/13/00	05/15/02	PSAP approval of call routing
KY	Lawrenceburg PD (Anderson county)	1	01/14/01	05/15/02	PSAP approval of call routing
KY	Lexington - Fayette Urban County	1	01/14/01	05/15/02	PSAP approval of call routing
KY	Covington Police	1	11/15/00	05/15/02	PSAP approval of call routing
KY	Boone Co. Public Safety Comm. Center	1	12/01/00	05/15/02	SS7 signalling format - Sprint PCS required to change trunking to CAMA
KY	Boyd Co.-Reg. Public Safety Comm. Ctr.	1	07/29/00	05/15/02	SS7 signalling format - Sprint PCS required to change trunking to CAMA
KY	Cincinnati / Northern Kentucky International Airport Police	1	12/06/00	05/15/02	SS7 signalling format - Sprint PCS required to change trunking to CAMA
KY	City of Fort Thomas	1	11/19/00	05/15/02	SS7 signalling format - Sprint PCS required to change trunking to CAMA
KY	City of Newport	1	01/26/00	05/15/02	SS7 signalling format - Sprint PCS required to change trunking to CAMA
KY	Pendleton County	1	01/14/01	HOLD	PSAP not ready - PSAP requested hold
KY	Shelby County E- 911 Board	1	01/14/01	HOLD	PSAP not ready - PSAP requested hold

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LA	Ascension Parish Comm. District	1	05/21/01	02/28/02	PSAP contract requirements - LEC trunk order delays
LA	Lafayette Parish Comm. District	1	05/21/01	02/28/02	PSAP contract requirements - LEC trunk order delays
LA	Tangipahoa Parish Comm. District	1	05/18/99	02/28/02	PSAP contract requirements - LEC trunk order delays
MD	Anne Arundel County	1	03/24/00	04/15/02	Lucent NCAS
MI	Van Buren County Sheriff	1	04/27/01	03/01/02	LEC trunk ordering issues
MI	Ottawa County Central Dispatch Authority	1	08/28/00	03/01/02	Lucent NCAS - PSAP contract requirements
MI	Calhoun County City of Battlecreek	1	04/01/01	03/01/02	PSAP approval of call routing
MI	Eaton County Central Dispatch	1	07/01/00	03/01/02	Lucent NCAS - PSAP contract requirements - PSAP approval of call routing
MI	Saginaw Co. 911 Comm. Center Authority	1	08/28/00	03/01/02	Lucent NCAS - PSAP contract requirements - PSAP approval of call routing
MI	City of Flint Emergency 911 Center	1	02/22/01	04/01/02	Lucent NCAS
MI	Clinton County E- 911 Central Dispatch	1	07/02/00	04/01/02	Lucent NCAS - PSAP contract requirements
MI	Genesee County Comm. Center	1	08/28/00	04/01/02	Lucent NCAS - PSAP contract requirements
MI	Lapeer County E-911 Central Dispatch	1	08/28/00	04/01/02	Lucent NCAS - PSAP contract requirements
MI	Lenawee County	1	01/14/01	04/01/02	Lucent NCAS - PSAP contract requirements
MI	Midland County Central Dispatch	1	08/28/00	04/01/02	Lucent NCAS - PSAP contract requirements
MI	Shiawassee Co. Central Dispatch Board	1	07/02/00	04/01/02	Lucent NCAS - PSAP contract requirements
MI	St. Clair County	1	03/12/01	04/01/02	Lucent NCAS - PSAP contract requirements

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MI	Washtenaw Central Dispatch Authority	1	08/28/00	04/01/02	Lucent NCAS - PSAP contract requirements
MI	Branch County 911	1	03/25/01	04/01/02	PSAP approval of call routing
MI	City of Detroit PD	1	03/22/01	04/01/02	PSAP approval of call routing
MI	City of East Lansing	1	04/16/01	04/01/02	PSAP approval of call routing
MI	City of Grand Rapids	1	05/10/01	04/01/02	PSAP approval of call routing
MI	County of Kalkaska Sheriff	1	04/06/01	04/01/02	PSAP approval of call routing
MI	Ingham County	1	04/28/01	04/01/02	PSAP approval of call routing
MI	Jackson County Sheriff's Department	1	03/30/01	04/01/02	PSAP approval of call routing
MI	Kent County	2	06/04/01	04/01/02	PSAP approval of call routing
MI	Ionia County Central Dispatch	1	08/28/00	04/01/02	Lucent NCAS - PSAP contract requirements - PSAP approval of call routing
MI	Macomb County Sheriff Department	15	08/28/00	04/01/02	Lucent NCAS - PSAP contract requirements - PSAP approval of call routing
MI	Monroe County Central Disipatch	1	08/28/00	04/01/02	Lucent NCAS - PSAP contract requirements - PSAP approval of call routing
MI	Conference of Western Wayne	19	07/27/00	HOLD	PSAP not ready - PSAP requested hold
MI	Down River Mutual (Wayne Co)	16	04/20/01	HOLD	PSAP not ready - PSAP requested hold
MI	Eastern Wayne 911 Service District	1	04/13/01	HOLD	PSAP not ready - PSAP requested hold
MI	Kalamazoo County Sheriff's Department	1	03/22/01	HOLD	PSAP not ready - PSAP requested hold
MI	Allegan County Central Dispatch	1	01/15/01	04/01/02	Lucent NCAS - PSAP contract requirements

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MI	Bay County 911 Central Dispatch	1	08/28/00	04/01/02	Lucent NCAS - PSAP contract requirements
MN	Minnesota Department of Administration	20	06/03/00	03/28/02	PSAP contract requirements - PSAP approval of call routing - statewide deployment
MO	Webster Co. 911 Administrative Services	1	12/10/00	02/05/02	PSAP approval of call routing - administrative delays
MO	Taney County Sheriff's Department	1	10/28/00	02/05/02	PSAP approval of call routing - administrative delays
MO	Greene County	1	04/15/01	HOLD	PSAP not ready - PSAP requested hold
MO	Jasper County 911	1	04/04/01	TBD	Administrative delays - LEC psuedo-ANI issues
MO	Cooper County, EMA / 911	1	10/27/00	TBD	PSAP approval of call routing - administrative delays - LEC psuedo-ANI tariff issue
MO	St. Louis County PD	1	12/05/00	TBD	PSAP approval of call routing - administrative delays - LEC psuedo-ANI tariff issue
MS	Jackson County Emergency Comm. District	1	05/22/00	01/30/02	PSAP contract requirements - administrative delay - LEC trunk order delays
NC	Columbus County Emergency Services	1	09/10/00	02/01/02	PSAP approval of call routing
NC	Currituck County Comm.	1	03/13/00	02/01/02	PSAP approval of call routing
NC	Lenoir County 911	1	07/07/00	02/01/02	PSAP approval of call routing
NC	Montgomery County Sheriff's Office	1	10/28/00	02/01/02	PSAP approval of call routing
NC	Yadkin County 911	1	12/20/00	02/01/02	PSAP approval of call routing
NC	Wayne County	1	02/01/01	03/01/02	LEC issue
NC	City of Lumberton	1	02/20/00	03/01/02	PSAP approval of call routing
NC	County of Bladen E- 911 Addressing	1	06/29/00	03/01/02	PSAP approval of call routing

# Phase I Requests Pending More Than 6 Months

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NC	Duplin County Comm.	1	07/16/00	03/01/02	PSAP approval of call routing
NC	Pitt County Comm. Department	1	12/05/00	03/01/02	PSAP approval of call routing
NC	City of New Bern	3	02/19/00	03/01/02	PSAP approval of call routing - LEC issues
NC	Polk County Comm.	1	02/20/00	03/01/02	PSAP approval of call routing - MSAG issues
NC	Brunswick County Emergency Services	1	05/14/00	04/01/02	PSAP approval of call routing
NC	Haywood County	1	02/20/01	04/01/02	PSAP approval of call routing
NC	Sampson Co. Emerg. Mgmt. Services	1	07/19/00	04/01/02	PSAP approval of call routing
NC	Vance County Emergency Operations	1	02/15/00	04/01/02	PSAP approval of call routing
NC	Halifax County Emergency Services Dept.	1	04/01/01	04/01/02	PSAP approval of call routing - bordering PSAPs have discrepancies on the routing plans
NC	New Hanover County	1	12/24/00	04/01/02	PSAP approval of call routing - bordering PSAPs have discrepancies on the routing plans
NC	Anson County	1	12/11/00	04/01/02	PSAP approval of call routing - development of deployment planTrunking ordering delay
NC	Dare County Emergency Services	1	03/10/01	04/01/02	PSAP approval of call routing - MSAG issues
NC	Green Co. Dept. of Emergency Services	1	04/01/01	04/01/02	PSAP approval of call routing - MSAG issues
NC	City of Durham	1	10/25/00	06/01/02	PSAP approval of call routing
NC	County of Jones	1	12/05/00	HOLD	LEC unable to support
NJ	Office of Emergency Telecom Services State of New Jersey	250	04/08/01	04/01/02	PSAP approval of call routing - statewide deployment - development of deployment plan
NV	Henderson PD (Clark County)	1	04/16/01	03/01/02	Lucent NCAS

# Phase I Requests Pending More Than 6 Months

Appendix C

NY	Chautaugua	1	06/04/01	03/15/02	Cell data verifying coverage - PSAP approval of call routing
NY	Genesee County Sheriff	1	04/16/01	04/01/02	Cell data - LATA boundary issues
NY	Orleans County Sheriff	1	04/16/01	04/01/02	Cell data verifying coverage - PSAP approval of call routing
NY	Onondaga County	1	04/07/01	05/01/02	PSAP approval of call routing - MSAG issues - Lucent NCAS
NY	Fulton County Sheriff's Office	1	06/09/01	TBD	SALI - no proposed date for PSAP connectivity
NY	Montgomery County Sheriff's Office	1	06/09/01	TBD	SALI - no proposed date for PSAP connectivity
OH	County of Hamilton	1	04/13/01	04/01/02	PSAP approval of call routing
OH	Butler County Sheriff's Office	6	08/05/00	05/01/02	PSAP approval of call routing
OH	Clermont Co. Dept. of Public Safety Svcs.	1	08/05/00	05/01/02	PSAP approval of call routing - PSAP concerns on cost recovery issues
OR	Oregon State Police / Emer. Mgmt. Division	1	04/31/00	02/05/02	Lucent NCAS
OR	Central Lane Comm. Center	1	02/01/01	04/15/02	Lucent NCAS
OR	Clackamas County Comm.	1	02/02/01	04/15/02	Lucent NCAS
OR	Columbia 911 Comm. District	1	02/03/01	04/15/02	Lucent NCAS
OR	Corvallis Regional Comm. Center	1	02/04/01	04/15/02	Lucent NCAS
OR	Forest Grove PD	1	02/05/01	04/15/02	Lucent NCAS
OR	Gladstone PD	1	02/06/01	04/15/02	Lucent NCAS
OR	Lake Oswego Comm.	1	02/07/01	04/15/02	Lucent NCAS



# Phase I Requests Pending More Than 6 Months

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OR	Linn County Sheriff's Office	1	02/08/01	04/15/02	Lucent NCAS
OR	Milwaukie PD	1	02/09/01	04/15/02	Lucent NCAS
OR	Newburg PD	1	02/10/01	04/15/02	Lucent NCAS
OR	Norcom	1	02/11/01	04/15/02	Lucent NCAS
OR	Portland - Bureau of Emergency Comm.	1	02/12/01	04/15/02	Lucent NCAS
OR	Santiam Canyon Comm.	1	02/13/01	04/15/02	Lucent NCAS
OR	Silver Falls 911	1	02/14/01	04/15/02	Lucent NCAS
OR	Washington Co. Consolidated Comm. Agency	1	02/15/01	04/15/02	Lucent NCAS
OR	Williamette Valley Comm. Center	1	02/16/01	04/15/02	Lucent NCAS
OR	Yamhill County Comm.	1	02/17/01	04/15/02	Lucent NCAS
PA	York County 911	1	04/16/01	04/01/02	Lucent NCAS
PA	Pike County Comm. Center	1	05/05/01	04/01/02	Network Switch trunking capacity issues
PA	Delaware County Emergency Services	1	05/25/01	05/15/02	Lucent NCAS
SC	Aiken County Planning and Development	1	06/15/00	03/01/02	PSAP approval of call routing
SC	Berkeley County Gov. E- 911 System	1	07/17/00	03/01/02	PSAP approval of call routing
SC	Charleston Comm. Department	1	03/29/00	03/01/02	PSAP approval of call routing
SC	City of Goose Creek	1	04/15/00	03/01/02	PSAP approval of call routing

# Phase I Requests Pending More Than 6 Months

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SC	City of Hanahan 911 (Berkeley County)	1	04/15/00	03/01/02	PSAP approval of call routing
SC	Colleton County Sheriff's Office	1	04/12/00	03/01/02	PSAP approval of call routing
SC	Florence County Sheriff's Office	1	03/01/00	03/01/02	PSAP approval of call routing
SC	Cherokee County 911	1	02/20/00	04/01/02	Administrative delays
SC	City of Clemson	1	02/20/00	04/01/02	Administrative delays
SC	Greenwood County	1	08/01/00	04/01/02	Administrative delays
SC	Oconee County Sheriff's Office	1	02/26/00	04/01/02	Administrative delays
SC	Anderson County E- 911	1	02/26/00	04/01/02	PSAP approval of call routing
SC	Marion County	1	06/15/00	04/01/02	PSAP approval of call routing
SC	Darlington County	1	08/01/00	05/01/02	PSAP approval of call routing
SC	Orangeburg County E- 911	1	06/15/00	05/01/02	PSAP approval of call routing
SC	Barnwell County Emergency Management	1	06/01/00	TBD	PSAP approval of call routing
SC	Beaufort County Emergency Management	1	05/15/00	TBD	SALI - no proposed date for PSAP connectivity
SC	City of Sumpter	1	10/03/00	TBD	SALI - no proposed date for PSAP connectivity
SC	Georgetown County Comm.	1	03/29/00	TBD	SALI - no proposed date for PSAP connectivity
TN	State of Tennessee	148	06/30/01	04/01/02	PSAP approval of call routing - statewide deployment - development of deployment plan
TX	911 Network of East Texas District	1	04/14/01	02/12/02	Lucent NCAS

# Phase I Requests Pending More Than 6 Months

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TX	City of Dallas – 911 System Operation	1	01/21/00	02/15/02	PSAP approval of call routing - PSAP required time to decide on changing the requested solution - testing in progress
TX	City of Longview	1	03/15/01	02/19/02	Lucent NCAS
TX	El Paso County	1	08/13/00	02/27/02	PSAP contract requirements - PSAP approval of call routing
TX	Tarrant County 911 District	41	02/12/01	03/01/02	PSAP approval of call routing - PSAP delay with boundary maps
TX	Addison County PD	1	03/17/00	HOLD	PSAP contract requirements - on hold until contract executed
TX	Farmers Branch	1	02/21/01	HOLD	PSAP contract requirements - on hold until contract executed
TX	Mesquite PD	1	03/16/00	HOLD	PSAP contract requirements - on hold until contract executed
VA	Arlington County (Northern Virginia)	1	03/15/00	04/15/02	Lucent NCAS
VA	City of Alexandria (Northern Virginia)	1	03/15/00	04/15/02	Lucent NCAS
VA	Public Safety Comm. Center (N. Virginia)	1	03/15/00	04/15/02	Lucent NCAS
VA	Prince William County (Northern Virginia)	1	03/15/00	04/15/02	Lucent NCAS
VA	Warrenton - Fauquier Joint Comm. Center - Piedmont Valley	1	07/07/00	04/15/02	Lucent NCAS
VA	Loudoun County (Northern Virginia)	1	03/15/00	04/15/02	Lucent NCAS - PSAP approval of call routing
VA	City of Winchester - Piedmont Valley	1	06/31/00	05/15/02	Lucent NCAS
VA	Clarke County - Piedmont Valley	1	05/18/01	05/15/02	Lucent NCAS
VA	Frederick County - Piedmont Valley-	1	06/31/01	05/16/02	Lucent NCAS
VA	Rockingham County / City of Harrisonburg - Piedmont Valley	1	11/02/99	05/16/02	Lucent NCAS - PSAP approval of call routing

# Phase I Requests Pending More Than 6 Months

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VA	Spotsylvania - Piedmont Valley	1	07/31/00	05/17/02	Lucent NCAS
WA	Pierce County E- 911 / Tacoma	9	06/16/00	04/01/02	Lucent NCAS
WA	Kittcom (Kittitas)	1	05/13/01	05/01/02	Lucent NCAS
WA	Clark Regional Emer. Services Agency	1	06/30/01	HOLD	PSAP not ready - can't afford LEC's new tariff rates
WA	San Juan County / Friday Harbor	1	06/16/00	HOLD	PSAP not ready - can't afford LEC's new tariff rates
WA	Snohomish Co.	1	06/30/01	HOLD	PSAP not ready - can't afford LEC's new tariff rates
WA	Thurston County Dept. of Communications "CAPCOM"	1	06/30/01	HOLD	PSAP not ready - can't afford LEC's new tariff rates

# PSAP-Specific Phase II Conversion Plan

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Anticipated Start Date	Market	PSAP Authority Request	State	PSAPs	Serving Switch Type	Request Date	Planned Switch Ready
12/22/01	Boston / Boston	State of Rhode Island (Deployed)	RI	39	Lucent	5/7/01	12/15/01
3/18/02	Baltimore / Wash - Washington DC	Anne Arundel County	MD	1	Lucent	4/16/01	1/25/02
3/25/02	St. Louis / St. Louis	St. Clair County	IL	12	Nortel	9/13/00	3/20/02
4/1/02	Baltimore / Wash - Washington DC	City of Alexandria	VA	1	Lucent	6/1/01	1/25/02
4/1/02	Buffalo / Buffalo	County of Orleans	NY	1	Lucent	4/19/01	1/25/02
4/1/02	Seattle / Seattle	Pierce County	WA	9	Lucent	12/19/00	1/25/02
4/8/02	Baltimore / Wash - Washington DC	Arlington County	VA	1	Lucent	7/23/01	1/25/02
4/15/02	Buffalo / Buffalo	Genesee County Sheriff	NY	1	Lucent	4/19/01	1/25/02
4/15/02	Buffalo / Buffalo	Office of Sheriff - Co. of Ontario	NY	1	Lucent	10/2/01	1/25/02
4/15/02	Charlotte / Airgate	Spartanburg County	SC	1	Lucent	3/21/01	3/15/02
4/22/02	Seattle / Seattle	Clallam County Sheriff's Dept.	WA	1	Lucent	10/6/01	1/25/02
4/29/02	Seattle / Seattle	King County	WA	17	Lucent	10/30/01	1/25/02
5/1/02	Richmond / Norfolk	York County	VA	1	Nortel IOS	3/14/01	2/6/02
5/6/02	Cheektowaga / Buffalo	Erie Co.	NY	25	Lucent	4/16/01	2/1/02
5/6/02	Baltimore / Wash - Washington DC	Fairfax County	VA	1	Lucent	7/23/01	1/25/02

# PSAP-Specific Phase II Conversion Plan

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Anticipated Start Date	Market	PSAP Authority Request	State	PSAPs	Serving Switch Type	Request Date	Planned Switch Ready
5/6/02	Charlotte / Airgate	Greenville County	SC	5	Lucent	11/20/01	3/15/02
5/13/02	Denver / Englewood 2	El Paso-Teller Counties	CO	2	Lucent	4/5/01	1/16/02
5/13/02	Baltimore / Wash - Washington DC	Loudoun County	VA	1	Lucent	7/23/01	1/25/02
5/20/02	Baltimore / Wash - Washington DC	Prince William County	VA	1	Lucent	7/23/01	1/25/02
5/20/02	St. Louis / St. Louis	Warren County Emergency Services	MO	1	Nortel	7/26/01	3/20/02
5/27/02	St. Louis / St. Louis	Clinton County 9-1-1	IL	2	Nortel	11/7/01	3/20/02
5/27/02	Denver / Englewood 1	Larimer County ETA	CO	5	Lucent	6/14/01	1/16/02
6/3/02	St. Louis / St. Louis	Bond County E9-1-1	IL	1	Nortel	12/20/01	3/20/02
6/3/02	Denver / Englewood 1	Boulder Regional Emergency Telephone Service Authority	CO	3	Lucent	7/31/01	1/16/02
6/3/02	Dallas / Ft. Worth	DENCO Area 911	TX	12	Nortel	1/3/01	3/27/02
6/3/02	New York / Philadelphia	State of New Jersey	NJ	209	Lucent	3/5/01	1/16/02
6/10/02	Denver / Englewood 1	Arapahoe County	CO	7	Lucent	10/30/01	1/16/02
6/10/02	San Francisco / San Francisco	City & County of San Francisco	CA	1	Lucent	8/3/01	1/23/02
6/10/02	Houston / Houston	Greater Harris County	TX	30	Nortel	2/28/01	4/13/02
6/10/02	Indianapolis / Indianapolis	Johnson County	IN	5	Nortel	3/13/01	4/10/02

# PSAP-Specific Phase II Conversion Plan

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Anticipated Start Date	Market	PSAP Authority Request	State	PSAPs	Serving Switch Type	Request Date	Planned Switch Ready
6/10/02	Atlanta / Atlanta	Rockdale County	GA	1	Nortel	4/4/01	4/11/02
6/17/02	Atlanta / Atlanta	City of Morrow	GA	1	Nortel	9/27/01	4/11/02
6/17/02	Richmond / Richmond	City of Richmond	VA	1	Nortel IOS	10/11/01	1/1/02
6/17/02	Baltimore - Washington / Shentel	City of Winchester (one of Piedmont Valley)	VA	1	Lucent	6/26/01	3/1/02
6/17/02	Indianapolis / Indianapolis	Delaware County	IN	1	Nortel	6/21/01	4/10/02
6/17/02	Kansas City	Ft. Leavenworth Provost Marshall	KS	1	Nortel	11/16/01	2/15/02
6/17/02	New Orleans / New Orleans	St. Tammany Parish Comm. Dist.	LA	1	Nortel	4/16/01	3/20/02
6/18/02	Kansas City	Overland Park Police Department	KS	1	Nortel	11/16/01	2/15/02
6/19/02	Kansas City	Johnson County Sheriff's Office	KS	1	Nortel	11/16/01	2/15/02
6/20/02	Kansas City	Leavenworth County Sheriff's Office	KS	1	Nortel	11/16/01	2/15/02
6/21/02	Kansas City	Leavenworth Police Department	KS	1	Nortel	11/16/01	2/15/02
6/24/02	Richmond / Richmond	Chesterfield County	VA	1	Nortel IOS	2/8/01	1/1/02
6/24/02	Cincinnati / Cincinnati	Hamilton County	OH	1	Nortel IOS	4/16/01	3/22/02
6/24/02	Kansas City	Leawood Police Department	KS	1	Nortel	11/16/01	2/15/02
6/24/02	Miami / Miami	Palm Beach County	FL	22	Nortel	4/19/01	4/19/02

**PSAP-Specific Phase II Conversion Plan**

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<b>Anticipated Start Date</b>	<b>Market</b>	<b>PSAP Authority Request</b>	<b>State</b>	<b>PSAPs</b>	<b>Serving Switch Type</b>	<b>Request Date</b>	<b>Planned Switch Ready</b>
6/24/02	Indianapolis / Indianapolis	Putnam County 9-1-1	IN	1	Nortel	11/27/01	4/10/02
6/25/02	Kansas City	Lee's Summit Police Department	MO	1	Nortel	11/16/01	2/15/02
6/26/02	Kansas City	Lenexa Police Department	KS	1	Nortel	11/16/01	2/15/02
6/27/02	Kansas City	Olathe Police Department	KS	1	Nortel	11/16/01	2/15/02
7/1/02	Jeff City / Alamosa	Christian Co. E9-1-1	MO	1	Lucent	12/10/01	2/22/02
7/1/02	Atlanta / Atlanta	City of Conyers	GA	1	Nortel	11/8/01	4/11/02
7/1/02	Balltimore - Washington / Shentel	Clarke County	VA	1	Lucent	5/22/01	3/1/02
7/1/02	Baton Rouge / Gulf Coast Wireless	Jackson County Emegency Comm.	MS	1	Lucent	4/4/01	3/1/02
7/1/02	Jeff City / Alamosa	Jasper County Emergency Services	MO	1	Lucent	4/7/01	2/22/02
7/1/02	Minneapolis / Minneapolis	Minnesota Depart. Of Administration	MN	20	Nortel	4/13/01	4/26/02
7/1/02	Kansas City	Prairie Village Police Department	KS	1	Nortel	11/16/01	2/15/02
7/2/02	Kansas City	Shawnee Police Department	KS	1	Nortel	11/16/01	2/15/02
7/3/02	Kansas City	Unified Government of Wyanadotte Co.	KS	1	Nortel	11/16/01	2/15/02
7/8/02	Kansas City	Belton Police Department	MO	1	Nortel	11/16/01	2/15/02
7/8/02	Dallas / Dallas	City of Dallas	TX	1	Nortel	6/4/01	4/10/02



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Anticipated Start Date	Market	PSAP Authority Request	State	PSAPs	Serving Switch Type	Request Date	Planned Switch Ready
7/8/02	Cincinnati / Cincinnati	Dearborn County Communications	IN	1	Nortel IOS	11/13/01	3/22/02
7/8/02	Indianapolis / Uquibel	Lawrence County Sheriff	IN	1	Lucent	4/24/01	3/8/02
7/8/02	Birmingham / Birmingham	Shelby Co. Police, Fire, and Medical 911	AL	3	Nortel	2/13/01	4/4/02
7/8/02	Los Angeles / Los Angeles	State of CA / Los Angeles County	CA	1	Lucent	3/30/01	1/23/02
7/9/02	Kansas City	Blue Springs Police Department	MO	1	Nortel	11/16/01	2/15/02
7/10/02	Kansas City	Cass County Sheriff's Office	MO	1	Nortel	11/16/01	2/15/02
7/11/02	Kansas City	Clay County Sheriff's Office	MO	1	Nortel	11/16/01	2/15/02
7/12/02	Kansas City	Gladstone Public Safety	MO	1	Nortel	11/16/01	2/15/02
7/15/02	Richmond / Norfolk	City of Virginia Beach	VA	1	Nortel IOS	3/13/01	2/6/02
7/15/02	Baltimore - Washington / Shentel	County of Frederick	VA	1	Lucent	7/30/01	3/1/02
7/15/02	Houston / Houston	Galveston County Emergency Communication District	TX	1	Nortel	8/9/01	4/13/02
7/15/02	Kansas City	Grandview Police Department	MO	1	Nortel	11/16/01	2/15/02
7/15/02	Baton Rouge / Gulf Coast Wireless	Lafayette Parish Comm. Dist.	LA	1	Lucent	5/25/01	3/1/02
7/15/02	Indianapolis / Uquibel	Vigo County	IN	1	Lucent	5/21/01	3/8/02
7/15/02	Orlando / Orlando	Volusia County	FL	5	Nortel	6/20/01	4/24/02

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Anticipated Start Date	Market	PSAP Authority Request	State	PSAPs	Serving Switch Type	Request Date	Planned Switch Ready
7/16/02	Kansas City	Harrisonville Police Department	MO	1	Nortel	11/16/01	2/15/02
7/17/02	Kansas City	Independence Police Department	MO	1	Nortel	11/16/01	2/15/02
7/18/02	Kansas City	Jackson County Sheriff's Office	MO	1	Nortel	11/16/01	2/15/02
7/19/02	Kansas City	Kansas City MO Police Department	MO	1	Nortel	11/16/01	2/15/02
7/22/02	San Antonio / San Antonio	Bexar Metro 911 Network Dist.	TX	20	Nortel	6/13/01	4/24/02
7/22/02	Charlotte / Charlotte	Chester County 911	SC	1	Nortel IOS	6/7/01	3/16/02
7/22/02	Richmond / Norfolk	City of Portsmouth	VA	1	Nortel IOS	3/20/01	2/6/02
7/22/02	Philadelphia / Shentel	County of York 911 Communication	PA	1	Lucent	4/19/01	3/1/02
7/22/02	Kansas City	Liberty Police Department	MO	1	Nortel	11/16/01	2/15/02
7/22/02	Cincinnati / Cincinnati	Miami County Comm. Center	OH	1	Nortel IOS	11/8/01	3/22/02
7/23/02	Kansas City	North KC Police	MO	1	Nortel	11/16/01	2/15/02
7/24/02	Kansas City	Platte County Sheriff's Office	MO	1	Nortel	11/16/01	2/15/02
7/25/02	Kansas City	Pleasant Hill Police Department	MO	1	Nortel	11/16/01	2/15/02
7/26/02	Kansas City	Pleasant Valley Police Department	MO	1	Nortel	11/16/01	2/15/02
7/29/02	Richmond / Norfolk	City of Hampton	VA	1	Nortel IOS	3/21/01	2/6/02

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Anticipated Start Date	Market	PSAP Authority Request	State	PSAPs	Serving Switch Type	Request Date	Planned Switch Ready
7/29/02	Birmingham / Birmingham	Hoover Police Department	AL	1	Nortel	11/7/01	4/4/02
7/29/02	Little Rock / Alamosa	Hot Spring County	AR	1	Nortel	11/15/01	5/8/02
7/29/02	Jacksonville / Jacksonville	Nausau County Sheriff's Department	FL	1	Nortel	4/19/01	4/17/02
7/29/02	Little Rock / Little Rock	Pulaski County	AR	1	Nortel	7/18/01	5/3/02
7/29/02	Kansas City	Ray County 9-1-1	MO	1	Nortel	11/16/01	2/15/02
7/30/02	Kansas City	Raymore Police Department	MO	1	Nortel	11/16/01	2/15/02
7/31/02	Kansas City	Raytown Police Department	MO	1	Nortel	11/16/01	2/15/02
8/1/02	Kansas City	Riverside Department of Public Safety	MO	1	Nortel	11/16/01	2/15/02
8/2/02	Kansas City	Sugar Creek Police Department	MO	1	Nortel	11/16/01	2/15/02
8/5/02	Connecticut / Wallingford	State of Connecticut Department of Public Safety	CT	108	Lucent	8/3/01	1/23/02
8/5/02	Dallas / Alamosa	Abilene / Taylor Co. 9-1-1 District	TX	2	Nortel	9/5/01	5/11/02
8/5/02	Richmond / Norfolk	City of Suffolk	VA	1	Nortel IOS	3/26/01	2/6/02
8/5/02	Chicago / Chicago	Deerfield Police Department	IL	1	Nortel IOS	12/5/01	3/30/02
8/5/02	Indianapolis / Ubiquitel	Gibson County Sheriff's Dept.	IN	1	Lucent	11/13/01	3/8/02
8/5/02	Louisville / Louisville	Louisville / Jefferson County	KY	1	Nortel	11/21/01	4/18/02

# PSAP-Specific Phase II Conversion Plan

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Anticipated Start Date	Market	PSAP Authority Request	State	PSAPs	Serving Switch Type	Request Date	Planned Switch Ready
8/5/02	Tampa / Tampa	Marion County	FL	1	Nortel	6/22/01	4/20/02
8/5/02	Indianapolis / Ubiquitel	Monroe County	IN	1	Lucent	9/6/01	3/8/02
8/5/02	Charlotte / Charlotte	Surry County	NC	1	Nortel IOS	12/14/01	3/16/02
8/12/02	Birmingham / Birmingham	City of Irondale Police Department	AL	1	Nortel	11/28/01	4/4/02
8/12/02	Richmond / Norfolk	City of Newport News	VA	1	Nortel IOS	3/27/01	2/6/02
8/12/02	Minneapolis / Minneapolis	City of St. Louis Park PD	MN	1	Nortel	4/19/01	4/26/02
8/12/02	Columbus	Delaware County Emergency Services	OH	1	Nortel IOS	8/2/01	4/5/02
8/12/02	Las Vegas / Las Vegas	Henderson Police Department	NV	1	Lucent	4/19/01	2/1/02
8/12/02	Tampa / Tampa	Lee County Division of Public Safety	FL	1	Nortel	10/19/01	4/20/02
8/12/02	Charlotte / Charlotte	Office of 9-1-1 Operations / Chester Co.	SC	1	Nortel IOS	11/9/01	3/16/02
8/12/02	Indianapolis / Horizon	Stueben County	IN	4	Nortel IOS	10/02/2001??	6/6/02
8/12/02	Dallas / Dallas	Tarrant County 911 District	TX	41	Nortel	4/19/01	3/27/02
8/12/02	Little Rock / Alamosa	Washington County	AR	1	Nortel	4/26/01	5/8/02
8/19/02	Indianapolis / Horizon	Allen County	IN	1	Nortel IOS	2/2/01	6/6/02
8/19/02	Louisville / Louisville	Clark County E 9-1-1	IN	2	Nortel	11/15/01	4/18/02

# PSAP-Specific Phase II Conversion Plan

Appendix D

Anticipated Start Date	Market	PSAP Authority Request	State	PSAPs	Serving Switch Type	Request Date	Planned Switch Ready
8/19/02	Little Rock / Little Rock	Hot Spring County	AR	1	Nortel	11/15/01	5/3/02
8/19/02	Montgomery / US Unwired	Mobile County Comm. District	AL	1	Nortel	3/30/01	5/4/02
8/19/02	Dallas / Alamosa	Nortex 911 Comm. District	TX	1	Nortel	2/27/01	5/11/02
8/19/02	Charlotte / Charlotte	Rowan County Dept. of Telecomm.	NC	1	Nortel IOS	8/22/01	3/16/02
8/19/02	Chicago / Chicago	Village of Barrington Hills	IL	2	Nortel IOS	4/7/01	3/30/02
8/26/02	Montgomery / US Unwired	Baldwin County	AL	1	Nortel	5/4/01	5/4/02
8/26/02	Richmond / Norfolk	City of Chesapeake	VA	1	Nortel IOS	3/28/01	2/6/02
8/26/02	Galesburg / IL PCS	Galesburg / Knox Co.	IL	5	Nortel	11/17/00	6/6/02
8/26/02	Indianapolis / Horizon	Huntington County	IN	1	Nortel IOS	1/23/01	6/6/02
8/26/02	Miami / Tampa	Orange County	FL	1	Nortel	1/12/01	4/19/02
8/26/02	Chicago / Chicago	Village of Morton Grove	IL	1	Nortel IOS	1/9/01	3/30/02
9/3/02	Richmond / Norfolk	City of Norfolk	VA	1	Nortel IOS	4/1/01	2/6/02
9/3/02	Indianapolis / Horizon	Elkhart County	IN	1	Nortel IOS	1/23/01	6/6/02
9/3/02	Jackson / US Unwired	Lamar County E-911	MS	2	Lucent	4/13/01	3/8/02
9/3/02	St. Cloud / Northern PCS	Minnesota Depart. Of Administration	MN	3	Nortel	6/5/01	5/10/02

# PSAP-Specific Phase II Conversion Plan

Appendix D

Anticipated Start Date	Market	PSAP Authority Request	State	PSAPs	Serving Switch Type	Request Date	Planned Switch Ready
9/3/02	Tennessee statewide	State of Tennessee	TN	148	Nortel	12/31/01	5/22/02
9/3/02	Chicago / Chicago	Village of Vernon Hills PD	IL	1	Nortel IOS	6/14/01	3/30/02
9/9/02	Montgomery / US Unwired	Athens - Limestone Co. Emergency Management	AL	1	Nortel	5/31/01	5/4/02
9/9/02	Buffalo / New York (Horizon Affil.)	Chautauqua Co. Office of Sheriff	NY	1	Nortel	4/11/01	6/6/02
9/9/02	Indianapolis / Horizon	City of Bluffton	IN	1	Nortel IOS	11/13/01	6/6/02
9/9/02	Chicago / Chicago	City of Chicago - OEC	IL	13	Nortel IOS	7/31/00	3/30/02
9/9/02	Richmond / Richmond	James City County	VA	1	Nortel IOS	4/4/01	1/1/02
9/9/02	Raleigh / Raleigh	Randolph Co. Emergency Services	NC	1	Nortel IOS	9/7/01	3/29/02
9/16/02	Indianapolis / Horizon	Cass County E9-1-1	IN	1	Nortel IOS	11/13/01	6/6/02
9/16/02	Dallas / Dallas	City of Richardson	TX	4	Nortel	3/20/01	3/27/02
9/16/02	Montgomery / US Unwired	Cullman Co. 911 (Police, Medical, Fire)	AL	4	Nortel	6/12/01	5/4/02
9/16/02	Philadelphia / Philadelphia	Delaware County	PA	1	Lucent	5/28/01	1/16/02
9/16/02	Raleigh / Raleigh	Fayetteville	NC	1	Nortel IOS	11/2/01	3/29/02
9/16/02	Chicago / IL PCS	Marshall County ETSB	IL	1	Nortel	4/19/01	5/8/02
9/16/02	Albany / Independent Wireless	Onondaga County (Syracuse)	NY	1	Lucent	4/3/01	3/15/02

# PSAP-Specific Phase II Conversion Plan

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Anticipated Start Date	Market	PSAP Authority Request	State	PSAPs	Serving Switch Type	Request Date	Planned Switch Ready
9/23/02	Montgomery / US Unwired	City of Montgomery	AL	1	Nortel	7/2/01	5/4/02
9/23/02	Richmond / Richmond	County of Henrico	VA	1	Nortel IOS	10/23/01	1/1/02
9/23/02	Indianapolis / Horizon	Kokomo Police Department	IN	1	Nortel IOS	11/13/01	6/6/02
9/23/02	Gridley / IL PCS	Rock Island Co. E-911	IL	5	Nortel	1/15/01	5/11/02
9/30/02	Indianapolis / Horizon	Lagrange County Communications	IN	1	Nortel IOS	11/13/01	6/6/02
9/30/02	Albany / Independent Wireless	Schenectady County	NY	1	Lucent	12/3/01	1/25/02
9/30/02	Raleigh / Raleigh	Wake County	NC	1	Nortel IOS	12/5/01	3/29/02
10/7/02	Chicago / Chicago	DeKalb County	IN	1	Nortel IOS	11/17/00	3/30/02
10/7/02	Indianapolis / Horizon	Fulton County	IN	1	Nortel IOS	5/22/01	6/6/02
10/7/02	Raleigh / Raleigh	Johnston County 9-1-1 Communications	NC	1	Nortel IOS	8/7/01	3/29/02
10/7/02	Gridley / IL PCS	Peoria Emergency Communications Center	IL	1	Nortel	8/21/01	5/11/02
10/14/02	Indianapolis / Horizon	Kosciusko County Sheriff's Office	IN	1	Nortel IOS	6/29/01	6/6/02
10/14/02	Chicago / Chicago	Lake County Sheriff	IN	18	Nortel IOS	4/17/01	3/30/02
10/21/02	Indianapolis / Horizon	Wabash County	IN	1	Nortel IOS	11/15/01	6/6/02
10/28/02	Cleveland / Horizon	Erie County	PA	1	Nortel	4/16/01	6/6/02

# PSAP-Specific Phase II Conversion Plan

Appendix D

Anticipated Start Date	Market	PSAP Authority Request	State	PSAPs	Serving Switch Type	Request Date	Planned Switch Ready
10/31/02	Chicago / Chicago	Waukegan ETSB	IL	1	Nortel IOS	11/21/01	3/30/02



Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554

In the Matter of	)	
	)	
Revision of the Commission's Rules	)	CC Docket 94-102
To Ensure Compatibility with	)	
Enhanced 911 Emergency Calling Systems	)	
_____	)	

**DECLARATION OF DENNIS G. HUBER**

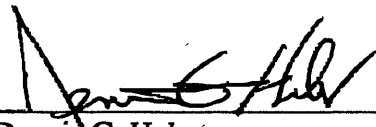
I, Dennis G. Huber, hereby declare as follows:

1. I am Senior Vice-President – Operations, for Sprint PCS. In this capacity, I am responsible for Sprint PCS' E911 deployment efforts, and am familiar with the Company's efforts in that regard.

2. I have reviewed the foregoing Sprint PCS First Quarterly E911 Implementation Report and believe that the facts contained therein are true and accurate.

I declare under penalty of perjury that the foregoing is true and correct, to the best of my knowledge and belief.

Dated this 1st day of February, 2002.

  
\_\_\_\_\_  
Dennis G. Huber  
Senior Vice-President – Operations

## CERTIFICATE OF SERVICE

I, Jo-Ann Monroe, do hereby certify that on this 1st day of February 2001, copies of the foregoing "Sprint PCS First Quarterly E911 Implementation Report" were served by U.S. first-class mail, postage prepaid, to the following:

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\_\_\_\_\_  
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